Patricia M. French Senior Attorney



300 Friberg Parkway Westborough, Massachusetts 01581 (508) 836-7394 (508) 836-7039 (facsimile) pfrench@nisource.com

August 2, 2005

BY OVERNIGHT DELIVERY AND E-FILE

Mary L. Cottrell, Secretary Department of Telecommunications and Energy One South Station Boston, MA 02110

Re: Bay State Gas Company, D.T.E. 05-27

Dear Ms. Cottrell:

Enclosed for filing, on behalf of Bay State Gas Company ("Bay State"), please find Bay State's responses to the following Information Requests:

From the Department:

DTE-4-20 DTE-15-50

From the UWUA:

UWUA-3-17 UWUA-3-30

Please do not hesitate to telephone me with any questions whatsoever.

Very truly yours,

Patricia M. French

cc: Per Ground Rules Memorandum issued June 13, 2005:

Paul E. Osborne, Assistant Director – Rates and Rev. Requirements Div. (1 copy) A. John Sullivan, Rates and Rev. Requirements Div. (4 copies) Andreas Thanos, Assistant Director, Gas Division (1 copy) Alexander Cochis, Assistant Attorney General (4 copies) Service List (1 electronic copy)

COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

RESPONSE OF BAY STATE GAS COMPANY TO THE FOURTH SET OF INFORMATION REQUESTS FROM THE D.T.E. D. T. E. 05-27

Date: August 2, 2005

Responsible: Lawrence R. Kaufmann, Consultant (PBR)

DTE-4-20 Refer to Exh. BSG/LRK-2. Please provide a copy of the study on "The

Cost Performance of Boston Gas Company" which the Pacific Economic

Group ("PEG") submitted in D.T.E. 03-40 as Exh. KEDNE/LRK-3.

Response: Please see Attachment DTE-4-20 for the requested document.

Exhibit KEDNE/LRK-3

THE COST PERFORMANCE OF BOSTON GAS



THE COST PERFORMANCE OF BOSTON GAS

January 28, 2003

Larry Kaufmann, **Ph.D**.

Partner

David Hovde, M.S.

Senior Economist

John Kalfayan, M.S.

Senior Economist

Lullit Getachew, Ph.D.

Senior Economist

PACIFIC ECONOMICS GROUP

22 East Mifflin, Suite 302 Madison, Wisconsin USA 53705 608.257.1522 608.257.1540 Fax

TABLE OF CONTENTS

1. INTRODUCTION AND SUMMARY	1
1.1 Introduction	1
1.2 SUMMARY OF RESEARCH	2
1.2.1 Definition of Cost	2
1.2.2 The Sample	2
1.2.3 Econometric Research	2
2. DATA ISSUES	3
2.1 Data	3
2.2 DEFINITION OF COST	5
2.2.1 Applicable Total Cost	5
2.2.2 Cost Decomposition	5
3. ECONOMETRIC RESEARCH	6
3.1 AN OVERVIEW OF THE METHOD	6
3.2 BUSINESS CONDITION VARIABLES	9
3.2.1 Output Quantity Variables	9
3.2.2 Input Prices	10
3.3 OTHER BUSINESS CONDITIONS	10
3.4 BUSINESS CONDITIONS OF BOGAS	12
3.5 ECONOMETRIC RESULTS	12
3.5.1 Estimation Results	12
3.5.2 Econometric Benchmarking Results	16
APPENDIX: FURTHER DETAILS OF THE BENCHMARKING RESEARCH	18
A.1 CAPITAL COST	18
A.2 ECONOMETRIC RESEARCH	20
A.2.1 Form of the Cost Model	20
A.2.2 Estimation Procedure	22
A.2.3 Predicting Cost	23
REFERENCES	24



1. Introduction and Summary

1.1 Introduction

Statistical benchmarking has in recent years become a widely used tool in the assessment of utility performance. Managers look to benchmarking studies for indications of how well their companies are doing. Benchmarking also plays a growing role in regulation. Such studies can, for example, be used to assess the reasonableness of costs and consumer dividends at the start of multiyear rate plans.

Appraisals of utility performance are facilitated by the extensive data that utilities report to regulators and industry associations. However, accurate appraisals are still challenging. There are important differences between companies in the character of services provided, the overall scale of operations, the prices of production inputs, and other business conditions that influence their cost. Data are unavailable for many companies and do not cover all relevant business conditions where they are available.

Pacific Economics Group LLC ("PEG") personnel have been active for several years in statistical benchmarking research for utilities. We pioneered the use of scientific benchmarking in U.S. regulation and have testified on our work in several proceedings. Boston Gas (BoGas) is preparing a multiyear rate plan for its gas distribution services. It has commissioned PEG to measure its overall cost efficiency. We appraised its efficiency using econometric cost modeling.

This paper is a report on our benchmarking work for gas distribution. Following a brief summary of the work, Section 2 discusses the database used in the study and our calculation of distribution cost. Our econometric work is discussed in Section 3. Additional, more technical details of the research are presented in the Appendix.



1

1.2 Summary of Research

1.2.1 Definition of Cost

Our research addressed the efficiency of local gas distribution companies (LDCs) in managing the total cost of their distribution operations. Gas distribution services are defined to include the gas delivery, customer account and customer information services provided by LDCs. We do not address the cost of gas procurement services. The total cost of distribution services comprises the cost of plant ownership, operation, and maintenance.

1.2.2 The Sample

The econometric research was based on a sample of data for 43 distributors. The focus of benchmarking was the 1993-2000 period.

1.2.3 Econometric Research

The gas distribution cost performance of BoGas was appraised using an econometric cost model. Guided by economic theory, we developed a mathematical model in which the cost of gas distribution is a function of some quantifiable business conditions. The parameters of the model were estimated statistically using data on the historical costs of LDCs and the business conditions they faced. All key parameters were plausibly signed and highly significant.

We used the model to predict the average total cost of gas distribution services for BoGas given the business conditions it faced. The Company was found to face some challenging conditions in its efforts to contain gas distribution cost. For example, BoGas is not a combined gas and electric utility. The Company faces high prices for labor services and plant construction, and our results also show that there are special cost pressures from operating in the Northeast. It also has relatively more cast-iron main than any gas distributor in our sample.

BoGas's gas distribution cost was about 27% below the value predicted by the cost model, on average, from 1993 to 2000. This difference was statistically significant. We therefore conclude that BoGas is a significantly superior cost performer.



2. DATA ISSUES

2.1 Data

The primary source of the data used in our gas distribution cost research changed over the full sample period used in our benchmarking work. The *Uniform Statistical Report* (USR) was the primary source for the earliest years. Gas utilities are asked to file these reports annually with the American Gas Association (AGA). USR data for some variables are aggregated and published annually by the AGA in *Gas Facts*.

USRs are unavailable for many distributors. Many do not file complete USRs. Some LDCs that do file them do not release them to the public. The development of a satisfactory sample therefore required us to obtain basic cost and quantity data from alternative sources including, most notably, reports to state regulators. These reports often use as templates the Form 2 report that interstate gas transmission companies are required to file with the Federal Energy Regulatory Commission. Other sources of data were also used in the research. These included DRI/McGraw Hill; Whitman, Requardt & Associates; the Bureau of Economic Analysis ("BEA") of the U.S. Department of Commerce; and the Bureau of Labor Statistics ("BLS") of the U.S. Department of Labor.

Our econometric cost model is based on quality data for 43 gas distributors over the 1993 to 2000 period. The sample includes most of the nation's larger distributors.

The sampled distributors grouped by region are listed in Table 1. It can be seen that the regional distribution of sampled LDCs is somewhat uneven. In particular, the northeast accounts for 40% of the sampled companies, but accounts for only 23% of U.S. gas end users. Texas accounts for only 2% of the sample, but for 7% of gas end users. The table also indicates that the sampled LDCs served about 52% of all gas end users in the United States.



Table 1

SAMPLE FOR THE GAS DISTRIBUTION ECONOMETRIC RESEARCH

		Number of			Number of
Region	Company	Customers	Region	Company	Customers
- 3		(2000)	3	,	(2000)
Northeast	t	7	North Cer	ntral	, ,
	Boston Gas	542,792		Citizens Gas & Coke	265,450
	Brooklyn Union Gas	1,191,679		Consumers Power	1,594,484
	Central Hudson Gas & Electric	63,851		East Ohio Gas	1,234,854
	Commonwealth Gas	243,853		Illinois Power	399,361
	Connecticut Energy	164,012		Interstate Power	50,270
	Connecticut Natural Gas	155,641		Madison G & E	113,781
	Consolidated Edison	1,048,357		North Shore Gas	149,781
	New Jersey Natural Gas	414,620		Northern Illinois Gas	1,962,228
	Niagara Mohawk	548,075		Peoples Gas Light & Coke	840,560
	Orange & Rockland Utilities	118,718		Wisconsin Gas	540,676
	PECO	430,842		Wisconsin Power & Light	157,077
	People's Natural Gas	353,715	South Ce	ntral	
	PG Energy	155,992		Alabama Gas	465,656
	Providence Energy	172,965		Louisville Gas & Electric	297,717
	Public Service Electric & Gas	1,621,128		Oklahoma Natural Gas	757,688
	Rochester Gas & Electric	285,944	Southwes	st	
				Enserch	1,415,296
South Atla	antic			Mountain Fuel Supply	705,878
	Atlanta Gas Light	1,530,000		Southwest Gas	1,289,046
	Baltimore Gas & Electric	595,239	Northwes	t	
	Public Service Company of North Carolina	357,736		Cascade Natural Gas	193,160
	Washington Gas Light	868,362		Northwest Natural Gas	510,686
				Washington Natural Gas	580,283
			California		
				Pacific Gas & Electric	3,818,679
				San Diego Gas & Electric	756,053
				Southern California Gas	5,008,579
			Total for (- Comple	22.070.704
			Total for S	sample	33,970,764
			Industry T	Total *	64,804,630
			Percentag	ge of U.S. Total	52.4%

^{*}Source For US Total: U.S. Energy Information Administration, Natural Gas Annual 2000

2.2 Definition of Cost

2.2.1 Applicable Total Cost

Cost figures play an important role in our benchmarking methods. The applicable total cost of gas distribution was calculated as gas operation and maintenance ("O&M") expenses less gas production and procurement expenses plus total gas plant capital cost and a share of any common costs. The operations corresponding to this definition of cost include gas delivery, customer account, and customer information and other customer services of LDCs.

2.2.2 Cost Decomposition

Our benchmarking methods involve the decomposition of cost into three major input categories: capital services, labor services, and non-labor O&M inputs. The cost of gas delivery labor was defined as the sum of O&M salaries and wages and pensions and other employee benefits. The cost of other O&M inputs was defined to be O&M expenses net of these labor costs and of gas production and procurement expenses. This category includes the services of contract workers, insurance, real estate rents, equipment leases, and miscellaneous materials.

The study used a service price approach to measuring the cost of plant ownership that is based on the economic value of utility plant. Under this approach, the cost of capital is the product of a capital quantity index and the price of capital services. The cost of capital thus calculated includes depreciation, tax expenses, the opportunity cost of plant ownership, and capital gains. This method has a solid basis in economic theory and is well established in the scholarly literature. It controls in a precise and standardized way for differences between utilities in the age of their plants. Further details of our capital cost calculations are provided in Section A.1 of the Appendix.



3. ECONOMETRIC RESEARCH

3.1 An Overview of the Method

This section provides a substantially non-technical account of the econometric approach to benchmarking employed in this study. Additional, more technical details of the work are reported in the Appendix.

A mathematical model called a cost function was specified. Cost functions represent the relationship between the cost of a utility and quantifiable business conditions in its service territory. Business conditions are defined as aspects of a company's operating environment that influence its activities but cannot be controlled.

Economic theory was used to guide cost model development. We posited that the actual total cost (C_i) incurred by company, i, in service provision is the product of minimum achievable cost (C_i^*) and an <u>efficiency factor</u> (*efficiency_i*). This assumption can be expressed logarithmically as

$$\ln C_i = \ln C_i^* + \ln efficiency.^1$$
 [1]

The term ln indicates the natural log of a variable.

According to theory, the minimum total cost of an enterprise is a function of the amount of work it performs and the prices it pays for capital and labor services and other inputs to its production process. Theory also provides some guidance regarding the nature of the relationship between these business conditions and cost. For example, cost is apt to be higher the higher are input prices and the greater is the amount of work performed.

Here is a simple example of a minimum total cost function for gas distribution that conforms to cost theory.

$$\ln C_{i,t}^* = a_0 + a_1 \cdot \ln N_{i,t} + a_2 \cdot \ln W_{i,t} + u_{i,t}.$$
 [2]

¹ The logarithm of the product of two variables is the sum of their individual logarithms.



For each firm i in year t, the variable $N_{i,t}$ is the number of customers that the company serves. It quantifies one dimension of the work that it performs. The variable $W_{i,t}$ is the wage rate that the company pays. The wage rate and delivery volume are the measured business conditions in this cost function.

The term $u_{i,t}$ is the error term of the cost function. This term reflects errors in the specification of the model, including problems in the measurement of output and other business condition variables and the exclusion from the model of relevant business conditions. It is customary to assume a specific probability distribution for the error term that is determined by additional parameters, such as mean and variance.

Combining the results of Equations [1] and [2] we obtain the following model of cost:²

$$\ln C_{i,t} = \mathbf{a}_0 + \mathbf{a}_i \ln N_{i,t} + \mathbf{a}_2 \ln W_{i,t} + e_{i,t}.$$
 [3]

Here the *actual* (not minimum) total cost of a utility is a function of the two measured business conditions. The terms \mathbf{a}_0 , \mathbf{a}_1 , and \mathbf{a}_2 are model parameters. Their values are assumed to be constant across companies and over some period of time. The \mathbf{a}_0 parameter captures the efficiency factor for the average firm in the sample as well as the value of a_0 from Equation [3], the minimum total cost function. The values of \mathbf{a}_1 and \mathbf{a}_2 determine the effect of the two measured business conditions on cost. If the value of \mathbf{a}_2 is positive, for instance, an increase in wage rates will raise cost.

$$\begin{split} \ln C_{i,t} &= \ln C_{i,t}^* + \ln \textit{efficiency} \\ &= \left(a_0 + a_1 \ln N_{i,t} + a_2 \ln W_{i,t} + u_{i,t}\right) + \ln \textit{efficiency} \\ &= \left(a_0 + \ln \textit{efficiency}^{average}\right) + a_1 \ln N_{i,t} + a_2 \ln W_{i,t} \\ &+ \left[u_i + \left(\ln \textit{efficiency} - \ln \textit{efficiency}^{average}\right)\right] \\ &= \mathbf{a}_0 + \mathbf{a}_i \ln N_{i,t} + \mathbf{a}_2 \ln W_{i,t} + e_{i,t} \end{split}$$



² Here is the full logic behind this result:

The term $e_{i,t}$ is the error term for equation [3]. We assume that it is a random variable. It includes the error term from the minimum total cost function. It also reflects the extent to which the Company's efficiency factor differs from the sample norm.

A branch of statistics called econometrics has developed procedures for estimating parameters of economic models. Cost model parameters can be estimated econometrically using historical data on the costs incurred by utilities and the business conditions that they faced. For example, a positive estimate for \boldsymbol{a}_2 would reflect the fact that the cost reported by sampled companies was typically higher when higher wages were paid to employees.

Numerous statistical methods have been established in the econometrics literature for estimating parameters of economic models. In choosing among these, we have been guided by the desire to obtain the best possible model for cost benchmarking. Econometric methods are also useful in selecting business conditions for the model. Tests are available for the hypothesis that the parameter for a business condition variable equals zero. Variables were excluded from the model when such hypotheses could not be rejected.

A cost function fitted with econometric parameter estimates may be called an <u>econometric</u> <u>cost benchmark model</u>. We can use such a model to predict a company's cost given values for the variables that represent the business conditions that the company faced. Returning to our simple example, we might predict the (logged) cost of BoGas in period t as follows:³

$$\ln \hat{C}_{BoGas,t} = \hat{\boldsymbol{a}}_0 + \hat{\boldsymbol{a}}_1 \cdot \ln N_{BoGas,t} + \hat{\boldsymbol{a}}_2 \cdot \ln W_{BoGas,t}.$$
 [4]

Here $\hat{C}_{BoGas,t}$ denotes the predicted cost of the Company in period t, $N_{BoGas,t}$ is the number of customers it served, and $W_{BoGas,t}$ is the wage rate that it paid. The \hat{a}_0 , \hat{a}_1 , and \hat{a}_2 terms are parameter estimates. Notice that in this model the cost benchmark reflects, through the estimate of parameter a_0 , the *average* efficiency of the sampled utilities.

³ Since this is a predicted equation using estimated parameters there is no error term.



Consider, now, that if the parameter estimates are unbiased and the expected value of $u_{i,t}$ is zero, the expected value of the percentage difference between the company's actual cost and that predicted by the model is the percentage difference between the efficiency factor of BoGas and that of the sample mean firm.

$$\ln \begin{pmatrix} C_{BoGas,t} \\ \hat{C}_{BoGas,t} \end{pmatrix} = \ln \begin{pmatrix} \text{efficiency} & \\ & & \\ &$$

This percentage difference is a measure of the company's cost performance.

A number like that generated by the cost benchmark model in [5] constitutes our best estimate of the company's cost given the business conditions that it faces. This is an example of a point prediction. An important characteristic of the econometric approach to benchmarking is that the statistical results provide information about the *precision* of such point predictions. According to econometric theory, precision is greater the lower is the variance of the model's prediction error. The variance of the prediction error can be estimated using a well-established formula. The formula shows that the precision of cost model predictions is greater to the extent that:

- 1) The model is more successful in explaining the variation in cost in the sample
- 2) The size of the sample is larger
- 3) The number of business condition variables included in the model is smaller
- 4) The business conditions of sample companies are more varied
- 5) The business conditions of the subject company are closer to those of the typical firm in the sample

3.2 Business Condition Variables

3.2.1 Output Quantity Variables

As noted above, economic theory suggests that quantities of work performed by utilities should be included in our cost model as business condition variables. There are two output quantity variables in our model: the number of retail customers and total throughput. We expect cost to be higher for higher values of each of these workload measures.



3.2.2 Input Prices

Cost theory also suggests that the prices paid for production inputs are relevant business condition variables. In this model, we have specified input price variables for capital, labor, and other O&M inputs.⁴ We expect cost to be higher as the values of these price variables increase.

The labor price variable used in this study was constructed by PEG using data from the BLS. National Compensation Survey ("NCS") data for 1998 were used to construct average wage rates that correspond to each LDC's service territory. The wage levels were calculated as a weighted average of the NCS pay level for each job category using weights that correspond to the Electric, Gas, and Sanitary (EGS) sector for the U.S. as a whole. Values for other years were calculated by adjusting the 1998 level for changes in the Employment Cost Index for the EGS sector over the 1993-2000 period.

Prices for other O&M inputs are assumed to be the same in a given year for all companies. They are escalated by growth in the GDP-PI. Our general approach to the computation of a price index for capital services is described in Section 2.2. Further details of this calculation are found in the Appendix.

3.3 Other Business Conditions

Five additional business condition variables are included in the cost model. One is the percentage of distribution main not made of cast iron, calculated from American Gas Association data. Cast iron pipes were common in gas system construction in the early days of the industry. It is more heavily used in the older distribution systems, which tend to be in the eastern U.S. Greater use of cast iron typically involves both higher maintenance and replacement costs. A higher value for this variable means that a company owns fewer cast iron mains and has lower expected costs. Hence, we would expect the sign for this coefficient to be negative.

⁴ The price index for other O&M inputs doesn't appear in the estimated parameter tables due to the imposition of the linear homogeneity restriction predicted by economic theory.



A second additional business condition variable is the number of power distribution customers served by the utility. This variable is intended to capture the extent to which the company has diversified into power distribution. Such diversification will typically lower cost due to the ability to share inputs (e.g., personnel, computer systems, meter readers) between the two services. Higher values for this variable indicate greater levels of diversification. We would therefore expect the value of this coefficient to be negative.

A third business condition was a dummy variable for distributors that operate in territories that are subject to frequent earthquakes. Systems in these territories may have to be designed differently to withstand earthquakes. Because these design differences are likely to entail additional costs, the coefficient on this variable is expected to be positive.

The model also included a dummy variable for distributors operating in the northeastern U.S. Previous econometric studies for BoGas have found that Northeast operations are associated with higher costs, even after controlling for factors like higher input prices. This coefficient is therefore expected to be positive. The northeast dummy takes a value of 1 for every distributor headquartered in the New England, New York, Pennsylvania or New Jersey and zero for all other companies.

Finally, the model included a PBR dummy variable for BoGas. This variable took a value of one for BoGas during the years when it operated under PBR (1997-2000) and zero for other years and for every other company. Because PBR is expected to lower costs by strengthening performance incentives, this coefficient was expected to be negative.

The model also contains a trend variable. It permits predicted cost to shift over time for reasons other than changes in the specified business conditions. A trend variable captures the net effect on cost of diverse conditions, including technological change. It may also reflect the failure of the included business condition variables to properly measure the trends in relevant cost drivers. The model may, for instance, exclude an important cost driver or do a poor job of measuring such a driver. The trend variable might then capture the impact on cost of the trend in the driver.



3.4 Business Conditions of BoGas

Table 2 compares the average values over the 1993-2000 period of cost model business conditions for BoGas to the sample mean values of these variables. It can be seen that the average total cost of BoGas was just over 80% of the sample mean. Meanwhile, the number of customers served by BoGas was about 70% of the mean and its throughput was just below 80% of the mean.

Turning next to input prices, the table shows that BoGas had labor prices 13% above the sample mean. Its capital service price was about 9% above the mean.

Prices for other inputs were assumed to be the same across the sampled companies. This simplifying assumption may well distort results for BoGas. After all, it is quite possible that a region with high labor and construction costs also has higher average prices for other production inputs, especially those that are intensive in the use of local labor.

Regarding the other business conditions, note first that BoGas's percentage of gas distribution main that is not made of cast iron was well below the sample mean. In fact, BoGas had the most cast-iron intensive system in our sample, representing about 44% of main. This was more than twice the average share of cast iron main for the sample (17%) and reflects the age of the BoGas distribution network.

Note, finally, that BoGas has no power distribution customers. This has limited its opportunity to realize potential scope economies by sharing inputs with other utility services.

3.5 Econometric Results

3.5.1 Estimation Results

Estimation results for the cost model are reported in Table 3. The parameter values for the five additional business conditions and for the first order terms of the translogged variables are elasticities of the cost of the sample mean firm with respect to the basic variable. The first order terms are the terms that do not involve squared values of business condition variables or interactions between different variables. The table shades the results for these terms for reader convenience.



Table 2

Average Values of Variables in the Benchmarking Study:

Gas Delivery

Variable	Units	U.S. Sample Average	Boston Gas	Boston Gas/ Sample Mean
Gas Delivery Cost	1,000 U.S. Dollars	380,027	311,651	0.82
Number of Customers	Customers	742,764	522,947	0.70
Total Throughput	mdkth	181,144	141,966	0.78
Price of Capital Services	Index Number	16.25	17.67	1.09
Price of Labor Services	Dollars per Employee	35,132	39,818	1.13
Price of Materials	Index Number	1.13	1.13	1.00
Number of Electric Customers	Customers	432,511	0	0.00
Percent of Main not Cast Iron	Percent	83.02%	56.14%	0.68
Earthquake Dummy	Binary	0.186	0.000	0.00
NE Dummy	Binary	0.372	1.000	2.69

Table 3

Translog Cost Function Regression Results: Gas Delivery

VARIABLE KEÝ

L= Labor Price

K= Capital Price

N= Number of Customers

YV= Total Throughput

EC= Number of Electric Customers

NI= % of Main that is Non-cast Iron

EQ= Earthquake Dummy Variable

NE= Northeast Dummy

BG= Boston Gas PBR Dummy

EXPLANATORY VARIABLE	ESTIMATED COEFFICIENT	T-STATISTIC	EXPLANATORY VARIABLE	ESTIMATED COEFFICIENT	T-STATISTIC
L	0.202	60.15	EC	-0.010	-7.50
LL	-0.101	-2.19			
LK	0.010	0.41	NI	-0.210	-4.23
LN	0.014	1.58			
LYV	-0.023	-2.60	EQ	0.016	3.75
K	0.648	141.21	NE	0.059	9.11
KK	0.090	3.38			
KN	-0.028	-2.61	BG	-0.003	-3.92
KYV	0.038	3.54			
N	0.658	20.82	Constant	8.015	356.38
NN	-0.439	-6.41	Constant	0.010	000.00
NYV	0.452	6.44	Trend	-0.005	-1.46
YV	0.210	6.32	System Rbar-Squared	0.975	
YVYV	-0.512	-6.83	2,212	3.0.0	

^{*} Data for all variables were logged and mean-scaled prior to model estimation

The tables also report the values for the corresponding asymptotic t ratios. These were also generated by the estimation program and were used to assess the range of possible values for parameters that are consistent with the data. A parameter estimate is deemed statistically significant if the hypothesis that the true parameter value equals zero is rejected. This statistical test requires the selection of a critical value for the asymptotic t ratio. In this study, we employed critical values that are appropriate for a 90% confidence level given a large sample. The critical value was 1.645.

Examining the results in Table 3, it can be seen that the cost function parameter estimates were plausible as to sign and magnitude. With regard to the first order terms of the translogged variables, cost was found to be higher the higher were input prices and output quantities. At the sample mean, a 1% increase in the number of customers raised cost by 0.66%. A 1% hike in throughput raised cost by about 0.21%. The sum of those elasticities was about 0.87%. The number of customers served was clearly the dominant output-related cost driver.

The sum of the output elasticities is a common indicator of economies of scale. A sum less than one is an indicator that scale economies can be realized from balanced output growth for a firm of sample mean size. Since TFP growth depends in part on scale economies, this also means that it can differ from region to region of the U.S. due in part to differences in the pace of output growth.

Turning to results for the input prices, it can be seen that the elasticity of cost with respect to the price of capital services was 0.65%. This was more than three times the estimated elasticity of the price of labor. This reflects the capital intensiveness of the gas distribution business.

The coefficients on the additional business condition variables were also sensible and, with the exception of the trend variable, were statistically significant.

Cost was lower as the percentage of distribution mains not made with cast iron increased.



- Cost was lower as the number of electric customers served by a distributor increased.
- Cost was higher for distributors operating in the Northeast.
- Cost was higher for distributors operating in territories with frequent earthquakes.
- The coefficient on the PBR dummy was -0.3%; this implies that, after controlling for each of the other business conditions in the model, BoGas's costs declined by 0.3% during the years when PBR was in effect.
- The estimate of the trend variable parameter was -0.005 and was not significant.

3.5.2 Econometric Benchmarking Results

Table 4 presents the results of our appraisals of BoGas's cost using the econometric model. The Company's average cost during the sample period was found to be about 27% below its predicted value. The hypothesis that the company was an average (or inferior) cost performer was rejected at the 99% confidence level. BoGas was therefore a significantly superior cost performer.



Table 4

Actual and Predicted Comprehensive Cost For Gas Distribution: 1993-2000 Boston Gas (U.S. \$)

Actual Cost \$1,000	Predicted Cost \$1,000	Difference (%)	t-statistic		
311,651	427,898	-27.2%	-5.59		

APPENDIX:

FURTHER DETAILS OF THE BENCHMARKING RESEARCH

This section provides additional and more technical details of our benchmarking work. We first consider our method for computing capital cost. There follow treatments of our indexing and econometric work.

A.1 Capital Cost

A service price approach was chosen to measure the cost of plant ownership. This approach has a solid basis in economic theory and is widely used in scholarly empirical work.⁵ In the application of the general methodology used in this study, capital cost in a given year t, CK_t , is the product of a capital service price index, WKS_t and a capital quantity index, XK_{t-1} .

$$CK_{t} = WKS_{t} \cdot XK_{t-1}.$$
 [6]

The service price index may be thought of as the annual cost (including the opportunity cost) of owning a unit of plant.

Each capital quantity index is constructed using inflation-adjusted data on the value of utility plant. Each service price index measures the trend in the hypothetical price of capital services from the assets in a competitive rental market. The price and quantity indexes require a consistent mathematical characterization of the process of plant deterioration.

In constructing the indexes we took 1983 as the benchmark or starting year for our gas distribution cost research. The values for these indexes in the benchmark year are based on the net value of plant as reported on the USR. We estimated the benchmark year (inflation adjusted) value of net plant by dividing the aggregate appropriate base year value by a "triangularized" weighted average of the values of an index of utility asset prices for a period ending in the

⁵ See Hall and Jorgensen (1967) for a seminal discussion of the service price method of capital cost measurement.



benchmark year equal to the lifetime of plant. A triangularized weighting gives greater weight to more recent values of this index, reflecting the notion that more recent plant additions have a disproportionate impact on the book value of plant.⁶ The value of the asset-price index, *WKA*_t, is the applicable regional Handy-Whitman index of utility construction costs for the relevant asset category.⁷

The following formula was used to compute subsequent values of the capital quantity index:

$$XK_{t} = (1 - d) \cdot XK_{t-1} + \frac{VI_{t}}{WKA_{t}}.$$
 [7]

Here, the parameter, d, is the economic depreciation rate, VI_t is the value of gross additions to the utility plant and WKA_t is the index of utility plant asset prices.

The economic depreciation rate, *d*, was calculated as a weighted average of the depreciation rates for the structures and equipment used in the applicable industry. The depreciation rate for each structure and equipment category was obtained from the Bureau of Economic Analysis (BEA) of the U.S. Department of Commerce. The weights were based on net stock value data drawn from the same source.

The formula for the capital service price index, WKS_t , is:

$$WKS_{t} = \left(CK_{t}^{taxes}/XK_{t-1}\right) + r_{t} \cdot WKA_{t-1} + d \cdot WKA_{t} - \left(WKA_{t} - WKA_{t-1}\right).$$
[8]

The four terms in this formula correspond to the four components of capital cost. These are: taxes, the opportunity cost of capital, depreciation, and capital gains. Here, CK_t^{taxes} is the sum of total tax payments and franchise fees attributed to the LDC. The term, r_t , is the user cost of capital for the U.S. economy. PEG calculates this using data in the National Income and Product Accounts

¹⁰ The U.S. economy user cost of capital is not directly observable, but it can be measured by applying two economic relationships. The first economic pertains to the National Income and Products Accounts (NIPA)



⁶ For example, in a triangularized weighting of 20 years of index values, the oldest index value has a weight of 1/210, the next oldest index has a value of 2/210, and so on. 210 is the sum of the numbers from 1 to 20. A discussion of triangularized weighting of asset price indexes is found in Stevenson (1980).

⁷ These data are reported in the *Handy-Whitman Index of Public Utility Construction Costs*, a publication of Whitman, Requardt and Associates.

⁸ The opportunity cost of capital is sometimes called the cost of funds.

⁹ Franchise fees are a part of O&M expenses in our TFP trend indexes.

(NIPA). The accounts are published by the Department of Commerce in its Survey of Current Business series. Capital gains are smoothed using a three-year moving average.

A.2 Econometric Research

A.2.1 Form of the Cost Model

The functional form selected for this study was the translog.¹¹ This very flexible function is the most frequently used in econometric cost research, and by some account the most reliable of several available alternatives.¹² The general form of the translog cost function is:

definitions of Gross Domestic Product (GDP) and the cost of inputs used by the U.S. economy. In the NIPA, the total cost of the U.S. economy inputs is equal to GDP. At the economy-wide level there are two inputs: labor and capital. Therefore the total cost of capital is equal to GDP less Labor Compensation (CL), or:

$$CK = GDP - CL \tag{1}$$

where CK represents the total cost of capital. The second relationship is between the total cost of capital and the components of the capital price equation. The total cost of capital is equal to the product of the quantity of capital input and the price of capital input, or:

$$CK = P_{\iota} \cdot K \tag{2}$$

where P_k represents the price and K the quantity of capital input. The price of capital can be decomposed into the price index for new plant and equipment (J), the opportunity cost of capital (r), the rate of depreciation (d), the inflation rate for new plant and equipment (l), and the rate of taxation on capital (t):

$$P_{k} = J \cdot (r + d - l + t) \tag{3}$$

Combining (2) and (3) one obtains the relationship:

$$CK = J \cdot (r + d - l + t) \cdot K$$

$$= r \cdot J \cdot K + d \cdot J \cdot K - l \cdot J \cdot K + t \cdot J \cdot K$$

$$= r \cdot VK + D - l \cdot VK + T$$
(4)

where D represents the total cost of depreciation, T total indirect business taxes and corporate profits taxes, and VK the current cost of plant and equipment net stock. Combining (1) and (4), one can derive the following equation for the opportunity cost of capital:

$$r = \frac{(GDP - CL - D - T + l \cdot VK)}{(VK)}$$
(5)

GDP, labor compensation, depreciation, and taxes are reported annually in the NIPA. The current cost of plant and equipment net stock and the inflation rate for plant and equipment are not reported in the NIPA, but are reported in <u>Fixed Reproducible Tangible Wealth in the United States</u>.

The transcendental logarithmic (or translog) cost function can be derived mathematically as a second order Taylor series expansion of the logarithmic value of an arbitrary cost function around a vector of input prices and output quantities.

¹² See Guilkey (1983), et. al.



$$\ln C = \boldsymbol{a}_0 + \sum_h \boldsymbol{a}_h \ln Y_h + \sum_j \boldsymbol{a}_j \ln W_j$$

$$+ \frac{1}{2} \left(\sum_h \sum_k \boldsymbol{g}_{h,k} \ln Y_h \ln Y_k + \sum_j \sum_n \boldsymbol{g}_{j,n} \ln W_j \ln W_n \right)$$

$$+ \sum_h \sum_i \boldsymbol{g}_{i,j} \ln Y_i \ln W_j$$
[9]

where Y_h denotes one of K variables that quantify output and the W_j denotes one of N input prices.

One aspect of the flexibility of this function is its ability to allow the elasticity of cost with respect to each business condition variable to vary with the value of that variable. The elasticity of cost with respect to an output quantity, for instance, may be greater at smaller values of the variable than at larger variables. This type of relationship between cost and quantity is often found in cost research.

Business conditions other than input prices and output quantities can contribute to differences in the costs of LDCs. To help control for other business conditions the logged values of some additional explanatory variables were added to the model in Equation [9] above.

The econometric model of cost we wish to estimate can then be written as:

$$\ln C = \mathbf{a}_o + \sum_h \mathbf{a}_h \ln Y_h + \sum_j \mathbf{a}_j \ln W_j$$

$$+ \frac{1}{2} \left[\sum_h \sum_k \mathbf{g}_{hk} \ln Y_h \ln Y_k + \sum_j \sum_n \mathbf{g}_{jn} \ln W_j \ln W_n \right]$$

$$+ \sum_h \sum_j \mathbf{g}_{ij} \ln Y_h \ln W_j + \sum_h \mathbf{a}_h \ln Z_h + \mathbf{a}_t T + \mathbf{e}$$
[10]

Here the Z_h 's denote the additional business conditions, T is a trend variable, and e denotes the error term of the regression.

Cost theory requires a well-behaved cost function to be homogeneous in input prices. This implies the following three sets of restrictions:

$$\sum_{h=1}^{N} \frac{\partial \ln C}{\partial \ln W_h} = 1$$
 [11]

$$\sum_{h=1}^{N} \frac{\partial^{2} \ln C}{\partial \ln W_{h} \partial \ln W_{j}} = 0 \qquad \forall j = 1, ..., N$$
 [12]



$$\sum_{h}^{N} \frac{\partial^{2} \ln C}{\partial \ln Y_{h} \partial \ln Y_{j}} = 0 \qquad \forall j = 1, ..., K$$
 [13]

Imposing the above (1+N+K) restrictions implied by Equations [21-23] allow us to reduce the number of parameters that need be estimated by the same amount.

Estimation of the parameters in Equation [20] is now possible but this approach does not utilize all information available in helping to explain the factors that determine cost. More efficient estimates can be obtained by augmenting the cost equation with the set of cost share equations implied by Shepard's Lemma. The general form of a cost share equation for a representative input price category, j, can be written as:

$$S_{j} = \boldsymbol{a}_{j} + \sum_{i} \boldsymbol{g}_{h,j} \ln Y_{h} + \sum_{n} \boldsymbol{g}_{jn} \ln W_{n}$$
 [14]

We note that the parameters in this equation also appear in the cost model. Since the share equations for each input price are derived from the first derivative of the translog cost function with respect to that input price, this should come as no surprise. Furthermore, because of these cross-equation restrictions, the total number of coefficients in this system of equations will be no larger than the number of coefficients required to be estimated in the cost equation itself.

A.2.2 Estimation Procedure

We estimated this system of equations using a procedure first proposed by Zellner (1962).

It is well known that if there exists contemporaneous correlation between the errors in the system of regressions, more efficient estimates can be obtained by using a Feasible Generalized Least Squares (FGLS) approach. To achieve even a better estimator, PEG iterates this procedure to convergence.

Since we estimate these unknown disturbance matrices consistently, the estimators we eventually compute are equivalent to Maximum Likelihood Estimation (MLE).

Our estimates would thus possess all the highly desirable properties of MLE's.

¹⁵ See Dhrymes (1971), Oberhofer and Kmenta (1974), Magnus (1978).



¹³ See Zellner, A. (1962).

¹⁴ That is, we iterate the procedure until the determinant of the difference between any two consecutive estimated disturbance matrices are approximately zero.

Before proceeding with estimation, there is one complication that needs to be addressed. Since the cost share equations by definition must sum to one at every observation, one cost share equation is redundant and must be dropped.¹⁶ This does not pose a problem since another property of the MLE procedure is that it is invariant to any such reparameterization. Hence, the choice of which equation to drop will not affect the resulting estimates.

A.2.3 Predicting Cost

We now turn our attention to the topic of predicting the level of a utility's cost given its specific values for the explanatory variables. Fitting our cost model with the econometric parameter estimates, we obtain an econometric model of distributor cost. This can then be used to predict the historical cost of an LDC given its values for the specified business controls. It is well known that the ability of the model to make accurate predictions depends, in part, on the characteristics of the data reported for the utility as compared to the sample averages. The closer the firm's data are to the sample averages, the more accurate is the model's prediction. Alternatively, the more the characteristics of the utility's data lie outside those of the sample means, the less reliable is its predicted cost.

It should be noted that the model specification was determined using the data for all sampled companies, including BoGas. However, to compute the model parameters and standard errors for the prediction required that the utility of interest be dropped from the sample when we estimated the coefficients in the predicting equation.¹⁷ The standard error based on this "out-of-sample" prediction was then used to construct the hypothesis tests for cost efficiency.

 $^{^{17}}$ This implies that the estimates used in constructing the predicting equation will vary slightly from those reported in the study.



¹⁶ This equation can be estimated indirectly from the estimates of the parameters left remaining in the model.

REFERENCES

- American Gas Association, Gas Facts, Arlington, VA, various issues.
- Breusch, T. and A. R. Pagan (1980), "The LaGrange Multiplier Test and Its Applications to Model Specification in Econometrics," *Review of Economic Studies*, 47 pages 239-54.
- Buse, A. (1982), "The Likelihood Ratio, Wald and LaGrange Multiplier Tests: An Expository Note," *The American Statistician*, 62, pages 153-7.
- Dhrymes, P. J. (1971), "Equivalence of Iterative Aitkin and Maximum Likelihood Estimators for a System of Regression Equations, *Australian Economic Papers*, 10, pages 20-4.
- Guilkey, et. al. (1983), "A Comparison of Three Flexible Functional Forms," *International Economic Review*, 24, pages 591-616.
- Hall, R. and D. W. Jorgensen (1967), "Tax Policy and Investment Behavior", *American Economic Review*, 57, 391-4140.
- Handy-Whitman Index of Public Utility Construction Costs, (1993), Baltimore, Whitman, Requardt and Associates.
- Hulten, C. and F. Wykoff (1981), "The Measurement of Economic Depreciation" in Depreciation, Inflation, and the Taxation of Income From Capital, C. Hulten ed., Washington, D.C., Urban Institute.
- Magnus, J. R. (1978), "Maximum Likelihood Estimation of the GLS Model with Unknown Parameters in the Disturbance Covariance Matrix," *Journal of Econometrics*, 7, pages 281-312.
- Mundlak, Y. (1978), "On the Pooling of Time Series and Cross Section Data," *Econometrica*, 46, pages 69-85.
- Oberhofer, W. and Kmenta, J. (1974), "A General Procedure for Obtaining Maximum Likelihood Estimates in Generalized Regression Models", *Econometrica*, 42, pages 579-90.
- U.S. Department of Commerce, Statistical Abstract of the United States, 1994.
- U.S. Department of Commerce, Survey of Current Business, various issues.



- U.S. Department of Commerce, unpublished data on the stocks and service lives of the capital of Local Distribution Companies.
- Varian, H. (1984), Microeconomic Analysis, Norton and Company.
- Zellner, A. (1962), "An Efficient Method of Estimating Seemingly Unrelated Regressions and Tests of Aggregation Bias," *Journal of the American Statistical Association*, 57, pages 348-68.



COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

RESPONSE OF BAY STATE GAS COMPANY TO THE FIFTEENTH SET OF INFORMATION REQUESTS FROM THE D.T.E. D. T. E. 05-27

Date: August 2, 2005

Responsible: Joseph A. Ferro, Manager Regulatory Policy

DTE-15-50 Does the Company de-certify low-income customers and make these

customers re-apply as low-income customers every year? If so, please explain the origin of this policy. In addition, if low-income customers are de-certified, please explain how customers are billed during the time they

are de-certified, after being re-certified as low-income customers.

Response: Customers approved for Fuel Assistance in a prior program year are

decertified for the low-income rate program after March 31 of the following program year if the company has not been notified of eligibility in

the current program year.

Additionally, if when the annual verification is conducted with Transitional Assistance, the company is notified that a customer is no longer receiving state benefits, the customer will be removed from the low income rate program.

Please also refer to Bay State's response to DTE-15-49.

COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

RESPONSE OF BAY STATE GAS COMPANY TO THE THIRD SET OF INFORMATION REQUESTS FROM UWUA LOCAL 273 D. T. E. 05-27

Date: August 2, 2005

Responsible: John E. Skirtich, Consultant (Revenue Requirements)

- UWUA-3-17 (Skiritch, pp. 29-31) (a) To the extent not already provided in response to UWUA 2-11, please prepare a list of the ten most highly compensated individuals on the payroll of (or compensated by) NCSC, including and identifying by amount all wages, salaries, bonuses, stock options, deferred compensation, or any other form of compensation, and the percentage of these compensation expenses assigned or allocated to Bay State.
 - (b) Please identify by location each building, office or facility used by NCSC employees and/or for NCSC operations. Include the purchase price of each such property and year of purchase, or amount of annual lease payments, and the percentage of the ownership or leasing costs allocated to Bay State.
 - (c) Please identify and describe all vehicles owned or leased by NCSC, whether cars, trucks, airplanes, boats, or other vehicles, including the date and purchase price (or annual lease payment) and the percentage of these vehicle costs assigned or allocated to Bay State.

Response:

- (a) See the Company's response to UWUA-2-11 CONFIDENTIAL and USWA-1-11 CONFIDENTIAL for the requested information.
- (b) NCSC employees are primarily located in facilities in Columbus, Ohio, Merrillville, Indiana and Marble Cliff, Ohio. NCSC owns the Marble Cliff facility and rents space at the Columbus building from Columbia Gas of Ohio and space at the Merrillville facility from NiSource Development Company.

Table UWUA-3-17 (b) below illustrates that the Marble Cliff facility was purchased in two phases, one in 1957 and the second in 1967. The Total Improvements line represents improvements made to the facility since 1967. BSG was allocated depreciation expense of \$47,654 for the Marble Cliff facility in 2004.

Table UWUA-3-17(b)

	Purchase <u>Date</u>	Purchase <u>Price</u>	Monthly Depreciation 2004	Billed To Bay State 2004
MARBLE CLIFF BUILDING SEE C.P.R. MARBLE CLIFF RESEARCH	Aug-57	\$ 3,549,720.74	\$ 5,916.20 \$	7,071.64
FACILITY MARBLE CLIFF RESEARCH	Oct-67	\$ 2,316,730.80	\$ 3,861.22 \$	4,615.31
FACILITY	Oct-67	\$ 25,727.00	\$ 42.88 \$	51.25
TOTAL IMPROVEMENTS		\$18,028,730.12	\$ 30,047.88 \$	35,916.24
			Total \$	47.654.44

NCSC rents space from NiSource Development Company for use of the facilities in Merrillville, Indiana. In 2004, NiSource Development billed NCSC \$2.4 million of which approximately \$207,000 was allocated to BSG.

NCSC rents space from Columbia Gas of Ohio for use of its facility in Columbus, OH. In 2004, Columbia Gas of Ohio billed NCSC \$7.6 million of which approximately \$906,000 was allocated to BSG.

(c) NCSC leases and owns vehicles.

NCSC leases its vehicles from PHH and GE Fleet. PHH and GE Fleet bill NCSC monthly for leased vehicles. Table UWUA-3-17 (c) below shows the total amount expensed by NCSC and the amount allocated to BSG in December 2004.

Table UWUA-3-17(c)

December 2004 Bill

	Total Bill	Allo	cated to BSG
GE Fleet Services	\$ 1,332.75	\$	109.80
РНН	\$ 36,034.74	\$	3,488.97
Total Leased Vehicle Expense	\$ 37,367.49	\$	3,598.77

The attached documents show the PHH, Attachment UWUA 3-17 (c-1), and GE Fleet Services bills, Attachment UWUA 3-17 (c-2), for December 2004 showing the lease payment and description of the vehicles leased.

NCSC owns 18 vehicles. Depreciation expense allocated to BSG in 2004 totaled \$2,515. Please see Attachment UWUA 3-17(c-3), detailing the vehicles owned by NCSC.

Please see AG-1-54 and AG-19-27 for information regarding the Corporate Aircraft. NCSC does not own or lease any watercraft.

PHH Arval

D.L. PETERSON TRUST 5924 COLLECTIONS CENTER DRIVE 11 60893 MAKE CHECK PAYABLE TO CH!C490

ORIGINAL INVOICE

- REMITTANCE ADVICE -

		۳	, un	
	5	3	7 0	
	1	21	<u>≥o</u>	
	Œ.	0004572417	12/01/04 NET 10 DAYS	2812
	Ĭ	ŏ	- 2	Ä
		••	••	••
	2		# ¥	œ
Š	BILLING INFORMATION	2	3 4	CLIENT NUMBER
8	œ	iii U	# <u>+</u>	7
2		ē	ë ÿ	Z
BRLNO 0002		ž	PAYMENT TERMS	8
۳[

AMOUNT	37,767.65	2,662.15	495.43	2,081.51	461.48-	6,614.58-	153,58	36,084.26	
LEASED UNIT CHARGES	DEPRECIATION CHARGES	COST-OF-FUNDS CHARGES	MANAGEMENT FEES	RENTAL TAX CHARGES	LEASE ADJUSTMENTS	FINAL SETTLEMENT ADJUSTMENTS	OTHER CHARGES	TOTAL LEASED CHARGES	

CLIENT NAME AND ADDRESS

CAMERON

LARRY

NISOURCE CORP SERV CO NISOURCE CORPORATE SERVICES COMPANY 200 CIVIC CENTER DRIVE

0H 43216

COLUMBUS

9014

PLEASE RETURN THIS PAGE WITH YOUR PAYMENT.
IF YOU HAVE ANY QUESTIONS CALL YOUR ACCOUNT MANAGER. PLEASE INDICATE INVOICE NUMBERS ON ALL CHECKS MAILED.

YOUR A C C O U N T M A N A G E R NICOLE DIGGINS 1-410-77 P.O. BOX 2174 BALTIMORE, MD 21203

PHH Arval

ORIGINAL INVOICE

1L 60693

CHICAGO

MAKE CHECK PAYABLE TO

0004572417 12/01/04 NET 10 DAYS 2812 BILLING INFORMATION INVOICE NO.
INVOICE DATE
PAYMENT TERMS
CLIENT NUMBER: BRLN1 0002

37,767.65 2,662.15 CURRENT PAGE 1 LEASED UNIT CHARGES COST-OF-FUNDS CHARGES DEPRECIATION CHARGES MANAGEMENT FEES D.L. PETERSON TRUST 5924 COLLECTIONS CENTER DRIVE

461.48-495.43 6,614.58-2,081.51 153.58 36,084.26

FINAL SETTLEMENT ADJUSTMENTS

OTHER CHARGES

RENTAL TAX CHARGES

LEASE ADJUSTMENTS

æ**j**.

TOTAL LEASED CHARGES

36,084.26 TOTAL CURRENT AMOUNT DUE =

0014

CLIENT NAME AND ADDRESS

CAMERON

LARRY

NISOURCE CORP SERV CO NISOURCE CORPORATE SERVICES COMPANY 200 CIVIC CENTER DRIVE

0H 43216

COLUMBUS

YOUR A C C O U N T M A N A G E R IS: NICOLE DIGGINS 1-410-771-2275 P.O. BOX 2174 BALTIMORE, MD 21203-2174

Bay State Gas Company D.T.E. 05-27 Attachment UWUA-3-17 (c-1) Page 3 of 54

PHH Arval

BISS 0002

CLIENT NO. - 2812
INVOICE DATE - 12/01/04
INVOICE NO. - 0004572417

Invoice Breakdown Summary

æ

PAGE - 2 OF

ORIGINAL INVOICE

										Alia	CHILLETT OVOA-
38	38	38	, 2	83	-	-		, m			chment UWUA-: Paç
							1				
						; ; ; ; ; ;) 		
	; ; ; ; ;			•		d d d D d d 1					
**	• • • • • • • • • • • • • • • • • • •	38	*	**************************************	-	-	67	, m	5 0	126	
12,856.62	12,856.62	12,858.62	23,214.67	23,214.57	80	85° 8	3.11	3,11	23,227.64	35,084.28	
		; ; ; ; ; ; ; ; ; ;	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						; ; ; ; ; ;	
		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1 1 1 2 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		; ; ; ; ; ; ; ; ; ; ;	; 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
12,856.62	12,856.62	12,858.82	23,214.67	23,214,57	59 59	85 65	3.1	3.11	23,227.84	36,064.26	
129.29-	129.29-	129.29-	270.54	270.54	9.33	. a	3.00	3.00	262.87	153.58	
			8,814,58-	6, 814. Die					8, 6114.55	6,614.58-	
			451,48-	451,45-					451,48-	461,48-	
12,985.91	12,985.91	12,985.91	30,020.09	30,020,08		5 5	-	1.	30,020.83	43,006.74	
000-0) TOTALS	OTALS In	000-	TOTALS	-001 GR CAR	TOTALS OMP OPR	000-	TOTALS ECH SVCS	OTALS E CLIFF	CE TOTAL	
	129.29- 12,856.62 12,856.62 38	12,985.91 ALS	12,985.91 12,686.62 38 12,985.91 12,985.91 12,856.62 12,056.62 38 12,985.91 12,885.91 12,856.62 38	12,985.91 12,856.62 38 12,39- 12,856.62 38 12,985.62 38 12,985.91 129.29- 12,856.62 38 12,856.62 38 30,020.09 481,46- 8,614,56- 270.54 23,214,67 84	12,985.91 12,985.91 12,985.91 12,985.91 12,885.81 12,885	12,885.91 129.29 12,856.62 12,656.62 38 12,856.62 38 12,856.52 38 12,856.52 38 12,856.52 38 30,020.09 451,45 6,614.56 270.54 23,214.57 84 23,214.57 84 30,020.09 461,45 6,614.56 270.54 23,214.57 84 39,33 9.56 9.56 9.56 1	ALS 12,885.81 128.85.82 12,885.82 12,885.82 38 12,885.91 12,885.81 12,885.82 12,885.82 39 12,885.91 12,885.91 12,885.82 12,885.82 39 ALS 30,020.09 481,485- 270.54 23,214.57 84 R .63 8,814.58- 270.54 23,214.57 84 R .63 9,33 9,95 8,58 1 R .63 9,33 9,95 8,58 1	12,886.51 129.29 12,896.62 17,866.62 30 30 30 30 30 30 30 3	12, 365, 612 12, 365, 612 12, 365, 612 12, 365, 612 12, 365, 612 12, 365, 612 12, 365, 612 12, 365, 612 12, 365, 612 12, 365, 612 13, 3	12,886.81 12,886.81 128.29 12,886.82 12,886.82 23,886.	12,886.81

1	<u>, </u>			1 (T			Bay State Gas D.T D.T ————————————————————————————————	 3-
	2812	12/01/04	0004572417		BREAKDOWN TOTAL	12,656.62	12, 356. 52	12, 656.62	23,214.57	
					TOTA! AMOUNT					
2000	CLIENT NO.	INVOICE DATE	INVOICE NO.		¥TØ					
BICS	3173	INVO	DANI		YENDOR CHARGES	:			3	
					TOTAL				6 ag	
					NO. UNITS					
	Invoice Charge Summary		# C C C C C C C C C C C C C C C C C C C		SERVICE FEES					
	Invoice		NOTICE INTEREST		TOTAL	11, 317, 68 133, 70 150, 60 292, 95 292, 95 750, 19 750, 19 15, 00 15, 00 12, 40 12, 40 12, 40 12, 40 12, 40 12, 40	11, 317 58 838.70 150.09 150.09 150.09 292.95 250.19- 70.38 15.00 18.57	11, 317, 66 150, 08 150, 08 170, 19 20, 19 10, 38 16, 00 18, 50 12, 858, 62	26, 449, 39 1, 873, 48 1, 873, 48 1, 401, 31 6, 614, 58 117, 00 117, 00 18, 00 18, 00 18, 00 28, 90 28, 90 28, 10 28, 28 28, 38, 38, 38, 38, 38, 38, 38, 38, 38, 3	
					LEASED UNIT CHARGES	DEPRECIATION COST-OF-EUNDS MANAGENENT FEES RENIAL TAX PERSONAL PROPERTY TAX PERSONAL PROPERTY TAX PERSONAL PROPERTY TAX PERSONAL PROPERTY TAX RE-REG PRES PROP TAX RE-REG PRES PROP TAX RE-REG PRES PROPERTY TAX RE-REG PRES PROPERTY TAX RE-REG PRES PRES PRES PRES PRES PRES PRES PRES	DEPRECIATION COST-OF-EUNDS MANAGEMENT FEES RESTAL TAX RENTAL TAX ESTINATED PROPERTY TAX ESTINATED PRES PROP TAX RE-REG RENEMIL CHARGE FE-REG REG FEE THEREG FEE THEREG FEE THEREGFEE THEREGFEE THEREGFEE THEREGFEE THEREGFEE	DEPRECIATION COST-OF-FUNDS MANAGEMENT FEES REITAL TAX ESTIMATED PROPERTY TAX ESTIMATED PRES PROP TAX RE-REG REKLEVAL CHARGE PPT SRAVICE FEE THREAFTER FEE THREAFTER FEE	DEPREIATION COST-OF-EUNOS MARAGHENT FEES MARAGHENT FEES REHTAL TAX FINAL SETILEMENT LEASE AGUUSHERNS ELRANE PAIR PEEUND PERSONAL PROPERTY TAX ESTIMATED PERS PROP TAX OUPLICATE REGISTRATION CHARGE THEREATER FEE THEREATER FEE	
		_ (80 67	60 60	60 67	97 88	
		30F 31			CLIENT BREAKDOWN	-SLIND GASP	;	LEASED UNITS.	LEASED UNITS*	
		PAGE			CLIR	000-00-10	01-00 157ALS	OI TOTALS RESTON	02-00-000	02021

_	
Va	
5	
₹.	
Ξ	

	HHA		2812	12/01/04	0004572417
FUH AIVAI		B1CS 0002	CLIENT NO	INVOICE DATE -	INVOICE NO

PAGE - 4 OF 31 ORIGINAL INVOICE ORIGINAL INVOICE ORIGINAL INVOICE ORIGINAL INVOICE ORIGINAL INVOICE ORIGINAL INVOICE OROGA572417 INVOICE NO 0004572417 INVOICE NO 0004572417 INVOICE NO 0004572417 AMOUNT VENDOR CHARGES QIT ANGUNT TOTAL BREAKDOWN TOTAL			IIIVOIC	IIIVOICE CHAIRE SUITIFIED Y			3	LLIENI NO.	,	7107	
ORIGINAL INVOICE LEASED UNIT CHARGES TOTAL SERVICE FEES UNITS ANOUNT VENDOR CHARGES QTY TOTAL ANOUNT	0F 31			 			I I	VOICE DATE		2/01/04	
LEASED UNIT CHARGES QTY TOTAL NO. TOTAL VENDOR CHARGES QTY AMOUNT AMOUNT			ORIGINAL	NVOICE			NI	VOICE NO.		004572417	
LEASED UNIT CHARGES QTY TOTAL VENDOR CHARGES QTY AMOUNT AMOUNT											
	NHOO	LEASED UNIT CHARGES	TOTAL AMOUNT	SERVICE FEES	ND. UNITS	TOTAL AMOUNT	VENDOR CHARGES	QTY	TOTAL	BREAKDOWN TOTAL	

			1	6.		Attachment U\
BREAKDOWN TOTAL	23,214,57	5 CO 1	. 69 . 69	3.	3.11	23, 227.64
TOTAL AMGUNT						·
414						
VENDOR CHARGES						
TOTAL AMOUNT						
ND. UNITS						
SERVICE FEES						
TOTAL AMOUNT	25, 449, 99 1, 823, 45 345, 34 1, 601, 31 6, 140, 31 15, 00 115, 00 326, 28 25, 98- 31, 24 23, 214, 57	9 9 9	G. G.	3.8	3,8	26, 449, 99 1, 823, 45 1, 402, 05 6, 614, 58 6, 614, 58 15, 00 11, 00 126, 98 16, 00 25, 98 26, 98 27, 98 28, 98 28, 98 28, 98 28, 98 28, 98 28, 98
LEASED UNIT CHARGES	DEPRECIATION CDST-OF-FUNDS MANAGEMENT FEES REATAL TAX FENAL SETLEMENT LEASE ADJUSTMENTS EXPRESS MALL CARRGE LICENSE PLATE REFUND PERSONAL PROPERTY TAX ESTIMATE PERS PROP TAX UDULCATE REGISTRATION CHANGE DUPILEATE REGISTE THEREATER FEE	RENTAL TAX RENEAFER FE THEREAFER FE TOTAL LEASED UNIT CHARGES	RENTAL TAX THEREAFTER FEE TOTAL LEASED UNIT CHARGES	REWTAL TAX THEREAFTER FEE TOTAL LEASED UNIT CHARGES	RENTAL TAX THEREATER FEE TOTAL LEASED UNIT CHANGES	DEPRECIATION COSTON COSTON COSTON COSTON RENTAL TAX FENEL SETILEMENT FENEL SAUDISTHENTS EXPRESS MAIL CHARGE LICSINS PARE REFUND FERSONAL PROPERTY TAX ESTIMATED PERS PROP TAX DUPLICATE REGISTRATION CHARGE THEREAFTER REG
	&	-		m		æ
CLIENT BREAKDOWN	LEASED UNITS*	LEASED UNITS=		LEASED UNITS*		LEASED UNITS-
CLIEN	02-00 101415	02-71-001 PASSNGR CAR	02-71 TOTALS EDP/COMP OPR	02-75-000	02-75 TOTALS EDP/TECH SVCS	OZ TOTALS NARBLE CLIFF

4)	,	·	- 1			7
		2812	12/01/04	0004572417	BREAKDOWN TOTAL	35,084.28
	12	-	ATE -	0.	TOTAL AMOUNT	
	BICS 0002	CLIENT NO.	INVOICE DATE	INVOICE NO.	710	
•	•		-1		VENDOR CHARGES	
					TOTAL	
					NO. UNITS	
		Invoice Charge Summary		NVDICE	SERVICE FEES	
		Invoice		ORIGINAL INVOICE	TOTAL AMOUNT	37,767,65 2,662,13 2,051,51 6,64,58 6,64,58 117,00 117,00 117,00 118,00 118,00 24,00 24,00 16,00 18,00
					LEASED UNIT CHARGES	DEPRECIATION COST-OF-FUNDS MARAGEMENT FEES MARAGEMENT TAX FENTAL TAX FINAL SETTLEMENT LEASE ADJUSTMENTS EXTRESS HAIL CHARGE EXTRESS HAIL CHARGE EXTRANCED PRYS PROP TAX FE-REG REWINGH CHARGE OUPTLANTE REGISTRATION CHARGE OUPTLANTE REGISTRATION CHARGE FEEG FEE OUPTLANTE REGISTRATION CHARGE THERE FEET FEET TOTAL LEASED UNIT CHARGES
			PAGE - 5 OF 31		CLIENT BREAKDOWN	INVOICE TOTAL LEASED UNITS* 125

- 0004572417 INVOICE DATE - 12/01/04 - 2812 0005 INVOICE NO. CLIENT NO. CLIENT BREAKDOWN SUMMARY LEYEL SUB-01-RESTON DIV-00-31 LEASED UNIT DETAIL 606 PAGE -

7 I I	3.45		762.65	,	*			07.0			3.22			3.91			7.67			9.25			Att	ach	ım	ent	ŲΨ	D VU/ P	s Co T.E. 1-3-1 age
UNIT TOTAL DUE	1,243		76		100		t	/ AD.						383.			387			~,			305			**			430
FLT MGT SVCS																												•	
LEASEADJ. FINAL STLMNT LEASED OTHER										3.22									0									·	
TAX RATE TAX AMT	6.00% 70.38	6.00%		800.9	45.20		6.00%					6	31.70	•		10.0%	***· C C		8.00.8 8			6.00%	17.30						
DEPRECLATION COST-OF-FUNDS M GT FEE	1, 100.88 58.49 13.70	644.55 64.90 10.03		674.94	10.51	671.71	68.96 10.46					312.21	4.86		311.85	35.72					257.31	26.93	4.01	392.75	22.24	4.70	400.01	26.15	4:79
LSE-TERM/MO.INSVC BILL RATE FUNDS RATE	48/022 2.2271% 2.3750%	60/010 1.8641% 2.3750%		60/010 1.8642%	2.3750%	600/09	1.8675% 2.3750%	000/00	200			60/004	2.3750%	1	60/003	1.8873%	8.31.30%	60/106			60/008	1.8708%	2.3750%	60/035	1.7846%	2.6250%	60/031	1.7992%	2.6250X
BILL MONTH CAP COST BOOK VALUE	12/04 52,673.47 29,554.99	12/04 38,596.07 32,795,12		12/04	34,341.13	12/04	40, 222.06 34, 848.38	07/03	17 932 00)		12/04	17.758.32		12/04	18,673.50	00.640.0	12/04	17, 130.65		12/04	15,407.95	13,606.78	12/04	23,517.90	10,164.40	12/04	23,952.86	11,952.56
UNIT NO. INSVC-DATE INITIAL BILL OFF THE ROAD	00038 02/25/03 05/01/03	00039 02/04/04 03/01/04		02/20/04	04/01/04	00041	03/12/04 05/01/04	00456	10/25/96	12/01/96	07/16/04	00824	10/01/04		00825	09/03/04	70/10/1	00923	03/11/96		01000	04/21/04	06/01/04	01001	02/01/02	04/01/02	01024	06/10/02	20/10/90
CLIENT ASSET 10. DRIVER 10. ORIVER NAME	061481 S LENZO	S A LENZO	:		S LENZO		S LENZO		TC02289	U U KEARNEY			R PRYOR			0000			NO-0158				V IRINKLEY			SKING		-	A U SCHAEFEK
CLIENT BREAKDONN UNIT DESCRIPTION TAX JURISDICTION (CITY, COUNTY, STATE)	01-00-000 LINC 03 NAVIGATOR MERRILLVILLE LAKE IN 5LMFU28RX3LJ33714	O1-00-000 NISS 04 MURANO MERRILIVILLE LAKE IN	4395	01-00-000 BUIC 04 RAINIER AWD	MERRILLVILLE LAKE IN	01-00-000	BUIC 04 RAINIER AWD MERRILLVILLE LAKE IN	01-00-000	DDDG 97 RAM 1500 4X4	CLENDENIN KANAWHA WV	187HF16Y9VS142296	01-00-000 0000 OF C484/4N EVD	YORK YORK PA		01-00-000	DOUG OS CARAVAN FWO RETHE! DADK ALLEGHENY DA		01-00-000	FLYM 95 VOYAGEK AFAVETTE AFAVETTE A	3690228	01-00-000	••	HAMMUNU LAKE IN 183EL36T54N358043	01-00-000	1500 QUAD	STRASBURG SHENANDOAH VA	01-00-000	DODG O2 DURANGO 4DR 4WD	184HS38N72F189614

Bay State Gas Company
D.T.E. 05-27
Attachment LIWIJA-3-17 (C-1)
Page 8 of 54

PHH Arval

11/04

4572417

CEACED HALL DETAIL	CLIENT BREAKDOHN SUMMARY LEVEL	
	SUB-01-RESTON	CLIENT NO 2812
		TO OT - STAG Material
		INVOICE DAILE 12/01
		4
PAGE - 70F 31		INVOICE NO COO45

	9	86.	59	48	- 80	80	80	.80	90.	38	WUA-3-1 Page 6. 82.
UNIT TOTAL DUE	458.	445.	437.	438.48	441.	441.80	441.80	441.80	364	95,	778.
FLT MGT SVCS											
LEASEADU. FINAL STLMNT LEASED OTHER										95.38	
TAX RATE TAX AMT	9.00% 37.83	6.00%	6.75%	6.00%	6.00%	6.00%	6.00%	6.00%		· 	6.00% 44.09
DEPRECIATION COST-OF-FUNDS M GT FEE	390, 15 25,51 4.67	389.74 26,33 4.67	380.48 24.88 4,56	383, 18 25,89 4,59	386.87 25.29 4.63	386.87 25.29 4.63	386.87 25.29 4.63	386.87 25.29 4.63	337.92 22.09 4.05		690.22 37.76 6.90
LSE-TERM/MO. INSVC BILL RATE FUNDS RATE	60/031 1.7992% 2.6250%	60/030 1.8028% 2.6250%	60/031 1,7992% 2,6250%	60/030 1.8029% 2.6250%	60/031 1.7992% 2.6250%	60/031 1.7992% 2.6250%	60/031 1.7992% 2.6250%	60/031 1.7992% 2.6250%	60/031 1.7992% 2.6250%	50/072	50/026 2.1294% 2.6250%
BILL MONTH L CAP COST BOOK VALUE	12/04 23,362.50 11,658.00	12/04 23,337.50 12,035.04	12/04 22,783.25 11,368.85	12/04 22,944.75 11,832.53	12/04 23, 165.75 11, 559.65	12/04 23, 165.75 11,559.65	12/04 23, 165.75 11,559.65	12/04 23, 165.75 11,559.65	12/04 20,234.75 10,097.15	11,434.00	12/04 34,511.00 17,255.50
UNIT NO. INSVC-DATE INITIAL BILL OFF THE ROAD	01032 05/28/02 08/01/02	01033 06/21/02 08/01/02	01034 06/06/02 07/01/02	01035 06/26/02 08/01/02	01036 05/31/02 07/01/02	01037 05/31/02 07/01/02	01038 05/31/02 07/01/02	01039 05/31/02 07/01/02	01041 06/12/02 08/01/02	01/08/99 03/01/99	01043 11/08/02 12/01/02
CLIENT ASSET 10. DRIVER 10. DRIVER NAME	M SHOWERS	M ARNEY	A LEWIS	D MANNIA	U DIETRICH	W BEIGIGER	A MARTIN	M GAULKE	R CHABOT	D HECK	D A KELLY
CLIENT BREAKDOWN UNIT DESCRIPTION TAX JURISDICTION (GITY, COUNTY, STATE)	01-00-000 DODG O2 DURANGO 4DR 4WD KANE MC KEAN 7700	1940339002F 187730 01-00-000 01006 02 DURANGO 4DR 4WD MERRILLVILLE LAKE IN	184N538N8ZF18/180 01-00-000 DDDG O2 DURANGO 4DR 4WD LANCASTER FAIRFIELD OH FRAHC38N92F187797	01-00-000 DODG Q2 DURANGO 4DR 4WD SOUTH BEND ST JOSEPH IN	01-00-000 01-00-000 DODO OZ DURANGO 4DR 4WD LA PORTE LA PORTE IN	01-00-000 DODG OZ DURANGO 4DR 4WD HAMMOND LAKE IN 1RAHS3RNAZF189618	01-00-000 DODG O2 DURANGO 4DR 4WD HAMMOND LAKE IN	01-00-00 ODG 02 DURANGO ADR 4WD LA PORTE LA PORTE IN	164Th SENOZF 1890 10 01-00-000 010G 02 GRAND CARAVAN FWD CHESTER CHESTERIELD VA	164C/435Z653S6Z6 01-00-000 PLYM 99 BREEZE LEXINGTON FAYETTE KY	1P3EJ46C/XNBODSBB/ 01-00-000 GMC 03 YUKON 4DR 4WD MERRILLVILLE LAKE IN 10KEK 13703R129778

Bay State Gas Company
D.T.E. 05-27
Attachment LIWUA-3-17 (c-1)
Page 9 of 54

INVOICE NO. - 0004572417 INVOICE DATE - 12/01/04 - 2812 BSF9 0002 CLIENT NO. CLIENT BREAKDOWN SUMMARY LEYEL SUB-01-RESTON DIV-00-31 LEASED UNIT DETAIL **8** 35 PAGE -

UNIT TOTAL DUE	351.52	286.79	266.95	286.20	307.99	425.23	8:	44.12		icument I	Page (
FLT MGT SVCS	 										
LEASEADJ. FINAL STLWNF LEASED OTHER						8.52	8	44.12	1.00	15.24	14.56
TAX RATE TAX AMT	7.00%		6.75%		9.00%	5.00% 18.35			80.6 80.	5.00% .05	5.00%
当岛	300.70 23.14 4.68	256.47 26.33 3.99	228.48 18.03 3.56	256.39 25.82 3.99	253.13 25.49 3.94	361.35 31.38 5.63		:			440.30 6.74 3 4.40
LSE-TERM/MO. INSVE BILL RATE FUNDS RATE	60/022 1.8245% 2.3750%	60/009 1.8674% 2.3750%	60/021 1.8278% 2.3750%	60/010 1.8642% 2.3750%	60/010 1.8642% 2.3750%	60/017 1.8410% 2.3750%	60/067	50/068	60/068	50/066	, 50/044 2.0506% 2.6250%
BILL MONTH CAP COST BOOK VALUE	12/04 18,005.76 11,691.06	12/04 15,357.57 13,305.81	12/04 13,681.47 9,111.87	12/04 15,352.49 13,044.98	12/04 15, 157.50 12,879.33	12/04 21,638.00 15,856.40	12/04 18,874.90	12/04 18,340.00	12/04 18,393.50	12/04 20,737.50	12/04 22,014.77 3,081.87
UNIT NO. INSVC-DATE INITIAL BILL DEF THE ROAD	01047 02/11/03 04/01/03	01048 03/03/04 04/01/04	01/049 03/19/03 05/01/03	01050 02/25/04 04/01/04	01051 02/27/04 04/01/04	01058 07/09/03 09/01/03	02316 05/21/99 07/01/99	02356 05/10/99 06/01/99	02460 05/13/99 08/01/99	02504 07/07/99 08/01/99	02583 05/01/01 09/01/01
CLIENT ASSET 1D. ORIVER 10. DRIVER NAME	T TOTMAN	A G CAREW	A LEWIS	M RITCHIE	T J ADAMS	M HALL	TC02315 B REW	TCDOOO9 G CLAYTOR	TC00725 K BARGER	TCD1010 F L HARRIS II	TCOO712 J D ADAMSON
CLIENT BREAKDOWN UNIT DESCRIPTION TAX JURISDICTION (CITY, COUNTY, STATE)	01-00-000 DODG 03 CARAVAN FWD MOUNT VERNON KNOX DH 1D4GP253838215257	01-00-000 DDDG O4 STRATUS COLUMBUS FRANKLIN DH 183E136T34N309438	01-00-000 DODG O4 STRATUS SUGAR GROVE FAIRFIELD DH 183EL36X84N121761	01-00-000 DDDG 04 STRATUS SUGAR GROVE FAIRFIELD OH 183EL36724N312489	01-00-000 DODG 04 STRATUS CHARLEROI WASHINGTON PA 183EL36744N309433	01-00-000 00DG 03 DURANGO 4DR 4WD ELKINS RANDOLPH WV 104HS38NG3F598887	01-00-000 JEEP 99 CHEROKEE 4DR 4WD LEXINGTON LEXINGTON (IND C VA	01-00-000 JEEP 99 CHEROKEE 4DR 4WD WINCHESTER WINCHESTER (IND VA	01-00-000 JEEP 99 CHEROKEE 4DR 4WD WASHINGTON WASHINGTON PA 1J4FF28SXXL648202	01-00-000 JEEP 99 CHEROKEE 4DR 4WD CHARLESTON KANAWHA WV 1J4FF28S9XL675083	01-00-000 JEEP 01 CHERDKEE 4DR 4WD SAINT ALBANS KANAWHA WV 1J4FF48S21L605119

12,856.62

129.29-

679.46

11,317.66 838.70 150.09

839,321.72 407,855.73

38

LEASED UNITS

BREAKDOWN TOTALS

01-00-000

PHH Arval

0005 BSF9

LEASED UNIT DETAIL		CLIENT B	CLIENT BREAKDOWN SUMMARY LEVEL	LEVEL					
		us 10	SUB-O1-RESTON DIV-OO-				CLIE	CLIENT NO 2812 INVOICE DATE - 12/01/04	11/04
PAGE - 90F 31			, , ,				3 KVG	14V01CE NO 000×	0004572417
		ON TINI			L_		. CASEAD.		1187
CLIENT BREAKDONN UNIT DESCRIPTION FAX JURISDICTION (CITY, COUNTY, STATE)	CLIENT ASSET ID. DRIVER ID. DRIVER NAME	INSVC-DATE INITIAL BILL OFF THE ROAD	BILL MONTH CAP COST BOOK VALUE	LSE-TERM/MO, INSVI BILL RATE FUNDS RATE	DEPRECIATION COST-OF-FUNDS M GT FEE	TAX RATE TAX AMI	FINAL STLMNT LEASED OTHER	FLT MGT SVCS	TOTAL
01-00-000 JEEP 01 CHEROKEE 4DR 4WD WARRENTON FAUGUIER VA	TC02638 A CAREW	03/26/01 03/26/01 06/01/01 02/20/04	01/04 20,682.55	60/000			446.90-		446,90-
01-00-000 UEEP 01 CHEROKEE 4DR 4WD LEBANDN WILSON TN	CBORQU C BOURQUE	03/23/01 03/23/01 06/01/01	12/04 20,087.50 5,327.26	60/045 1.7481% 2.6250%	335.46 11.66 4.02	7.00%			375,72
01-00-000 D0DG OO STRATUS COLUMBUS FRANKLIN OH	U MYERS	05/24/00 02/24/00 04/01/00	12/04 12,988.00	50/058		6.75%	1.00		1.07
01-00-000 PLYM 99 VOYAGER FWD WINTERSVILLE UEFFERSON OH 2P4GP45G9XR275840	D DEFALLO	05467 01/20/99 03/01/99	12/04 18,544.00	50/071		7.50% .08	4.00		1.08
01-00-000 PLYM 99 BREEZE COLUMBUS FRANKLIN OH 1P3EJ46C8XNGO5862	D SIEVERT	05487 01/08/99 03/01/99	12/04 11,434.00	50/072		6.75%	1.00		1.07
01-00-000 UEEP OO CHEROKEE 4DR 4WD STRASBURG SHENANDOAH VA 1J4FF28S9YL178214	A G CAREW	07566 02/07/00 04/01/00 05/28/04	11/04 20,570.10	000/09			121.00		121.00
01-00-000 DODG OO CARAVAN FWD MOUNT LEBANON ALLEGHENY PA 284GP45GOYR710912	K STEWART	09001 03/17/00 05/01/00	12/04 18,879.80	50/057		10.00%	1.00		1.10
01-00-000 DDDG OO CARAVAN FWD YDRK YDRK PA 284GP45G2YR710913	B ADAMS	09006 04/19/00 06/01/00	12/04 19,279.21	50/056		%00.6 60.	1.00		1.09

Bay State Gas Company
D.T.E. 05-27
Attachment LWUA-3-17 (c-1)
Page 1 of 54

PHH Arval

- 2812 CLIENT NO.

CLIENT BREAKDONN SUMMARY LEVEL SUB-02-MARBLE CLIFF DIV-00-

မ

10 OF

PAGE -

LEASED UNIT DETAIL

INVOICE DATE - 12/01/04

- 0004572417 INVOICE NO.

UNIT TOTAL GUE	480.66	482.84	514.09	484.80	483.26	485.01	1.07	485.01	73.58	456.84	Page 74. 886.
FLT MGT SVCS											
LEASEADJ, FINAL STUMNI LEASED OTHER			43.96		25.29		1.00		73.58		
TAX RATE TAX AMT	9.00%	5.00%		9.00%	5.00%	10.00%	6.75%	10.00%			7.00%
DEPRECIATION COST-OF-FUNDS M GT FEE	394.34 40.49 6.14	409.86 43.70 6.38	419.68 43.92 6.53	397.74 40.84 6.19	391.76 40.22 6.10	394.30 40.48 6.14		394.30 40.48 6.14		407,81 42,68 6,35	323.75 34.52 5.04
.SE-TERM/MO. INSVC BILL RATE FUNDS RATE	60/009 1.8675% 2.3750%	60/007 1.8740% 2.3750%	60/008 1.8707% 2.3750%	60/009 1.8674% 2.3750%	60/009 1.8674% 2.3750%	60/009 1.8675% 2.3750%	50/078	60/009 1.8675% 2.3750%	50/079	60/008 1.8708% 2.3750%	60/007 1.8740% 2.3750%
BILL MONTH TO CAP COST BOOK VALUE	12/04 23,613.31 20,458.59	12/04 24,542.57 22,083.41	12/04 25, 130.79 22, 193.03	12/04 23,817.02 20,635.10	12/04 23,458.83 20,324.75	1 <u>2</u> /04 23,610.73 20,456.33	12/04 18,569.00	12/04 23,610.73 20,456.33	12,04 12,869.73	12/04 24,419.53 21,564.86	12/04 19,386.39 17,443.89
UNIT NO. INSVC-DATE INITIAL BILL OFF THE ROAD	03/26/04 05/01/04	00817 05/10/04 07/01/04	00818 04/07/04 06/01/04	03/23/04 05/01/04	00820 03/23/04 05/01/04	03/26/04 05/01/04	06/22/98 06/22/98 08/01/98	03/26/04 05/01/04	06/15/98 06/15/98 09/01/98	04/26/04 06/01/04	00828 05/19/04 07/01/04
DLIENT ASSET ID. DRIVER 19. DRIVER NAME	D L FISHER	D LARIMORE	2812 S E HINSON	A MITCHELL	A LOWTHER	R WARNOCK	TC00040 K SCHAFER	J R GALLAGHER	TCD0700 /A C MCCARTNEY	R GRAHAM	K LESTER
CLIENT BREAKDONN UNIT DESCRIPTION TAX JURISDICTION (CLTY, COUNIT, STATE)	02-00-000 DODG 04 DURANGD 4DR 4WD WASHINGTON PA	02-00-000 00DG 04 DURANGO 4DR 4WD BROCKTON PLYMOUTH WA	02-00-000 DDDG 04 DURANGD 4DR 4WD RICHMOND CHESTERFIELD VA	02-00-000 DODG 04 DURANGD 4DR 4WD YORK YORK PA	02-00-000 DDDG 04 DURANGD 4DR 4WD CLENDENIN KANAWHA WV	02-00-000 DODG 04 DURANGD 4DR 4WD CLINTON ALLEGHENY PA 1D4HB33RN24F171790	02-00-000 DODG 98 CARAVAN FWD COLUMBUS FRANKLIN OH	02-00-000 DDDG 04 DURANGO 4DR 4WD CLINTON ALLEGHENY PA	02-00-000 PLYM 98 BREEZE FAIRFAX FAIRFAX (IND CITY) VA	02-00-000 DODG 04 DURANGO 4DR 4WD CAMBRIDGE GUERNSEY OH 1D4HB3RN44F171774	02-00-000 DODG OS CARAVAN FWD FRANKLIN WILLIAMSON TN 1D4GP25R85B120866

Bay State Gas Company D.T.E. 05-27 Attachment UWUA 3-17 (c-1) Page 12 of 54

PHH Arval

BSF9 0002

CLIENT BREAKDOWN SUMMARY LEVEL SUB-02-MARBLE CLIFF DIV-00-

မ

1 1 05

PAGE -

LEASED UNIT DETAIL

INVOICE DATE - 12/01/04 CLIENT NO. - 2812

INVOICE NO. - 0004572417

					~		_		_	_	+		13				_	$\overline{}$		_			_				ma	OI H	110	rtt (7**			1′
UNIT TOTAL DUE	,	472.29		()	459.07			476.12			362.39		,,	1	460.17			476.12			482.03			327.29			387.97			413.15		Pa	ge 26.7	2
FLT MGT SVCS		1																										i					•	
LEASEADJ. FINAL STLMNT LEASED OTHER																											17.38						. •	
TAX RATE TAX AMT	6.00%	2				4	26.95)	200			9.00%	39.80					5.00%	16.06		800.6 800.6	34.11		•	,	
DEPRECIATION COST-OF-FUNDS M GT FEE	398.45 40.91	0.50	409.80	6.38		401.68	6.25		322.93	34.43	5.03	410.78	42.99	6.40	10	401.68	41.24	3	394.77	41.31	6. 15	292. 16	30.58	4. 0	316.31	33.10	4.92	337.76	36.02	5.26	385.82	41.14		
SE-TERM/MO, INSVC BILL RATE FUNDS RATE	60/009	4.3/30%	60/008	2.3750%		600/09	7.3750%	2/2	60/007	1.8740%	2.3750%	60/008	1.8708%	2.3750%		60/09	1.8674%	\$ 00 is . y	60/008	1.8708%	2.3750%	800/09	1.8708%	2.3750%	60/008	1.8707%	2.3750%	60/007	1.8741%	2.3750%	60/007		2.3750%	
BILL MONTH TO CAP COST BOOK VALUE	12/04	20,671.64	12/04	21,670.07		12/04	24,052.92	20,000,00	12/04	19, 337, 38	17,399.80	12/04	24 597.77	21,722.31		12/04	24,052.92	20,033,40	12/04	23,639.11	20,875.72	12/04	17,494.87	15,449.75	12/04	18,940.68	16,726.51	12/04	20, 225.35	18, 198.79	12/04	23, 103.09	20, 788. 17	
UNIT NO. INSVC-DATE INITIAL BILL OFF THE ROAD	00829	05/01/04	00830	05/01/04		1 6800	03/19/04	10/10/10	00832	05/04/04	06/01/04	00833	04/05/04	05/01/04		00834	03/19/04	09/01/04	00835	04/06/04	05/01/04	96800	04/15/04	05/01/04	00845	04/01/04	06/01/04	00847	05/11/04	06/01/04	DORAR	05/18/04	07/01/04	
CLIENT ASSET ID. DRIVER 1D. ORIVER MAME		D ZEMNEK		SOLENBERGER			HONVOR V	DAMAGE A			BAKER			KARCHER				C LUKIMEK			DENSHAM			M K BURTON			CUNNINGHAM			HALTERMAN			מורר	
INTY, STATE)] :	3		DR 4WD FIELD OH C			٥	Ľ			FAIRFIELD OH T		UMP AU	FAIRFIELD OH			4.KD	-		DR 4WD	TE PA A		2WD	용		7 4WD	S AM NO		T 4WD	133		T 4WD	NO OH	
CLIENT BREAKDONN UNIT DESCRIPTION TAX JURISDICTION (CITY, COUNTY, STATE)	10 5	LA PORTE LA PORTE IN 104HR38N34F171779	02-00-000	OODG O4 DURANGD 4DR 4WD SUGAR GROVE FAIRFIELD OH	104HB38N44F171791	02-00-000	DODG O4 DURANGO 4DR 4WD	104HB38N34F171796	02-00-000	ARA)	SUGAR GROVE FAIRF	104GP25K15B11B330	DOUG OF DUBANED ADD AND	SUGAR GROVE FAIRF	104HB38N34F1717B2	02-00-000		HAMMOND LAKE IN	02-00-000	3	SMITHFIELD FAYETTE	02-00-000		COLUMBUS FRANKLIN	02-00-000	DODG OF DAKOTA EXT	SANDYVILLE JACKSON WV	02-00-000	DODG O4 DAKOTA EXT	YORK YORK PA	107HG42NB4S6B0020	02-CO-COO DODG O4 DAKOTA EXT	MANSFIELD RICHLAND OH	1D7HG42N14S680019

Bay State Gas Company D.T.E. 05-27 Attachment UWUA-3-17 (c-1) Page 13 of 54

BSF9 0002 CLIENT BREAKDOWN SUMMARY LEVEL SUB-02-MARBLE CLIFF DIV-00-

Ë

12 OF

PAGE

LEASED UNIT DETAIL

- 0004572417 INVOICE DATE - 12/01/04 - 2812 INVOICE NO. CLIENT ND.

UNIT TOTAL QUE	1.08	509.12	346.14	456.74	444.92	439.34	7,076.06-	458.03	463.46	355.45	A63. 69 Bage 13.
FLT MGT SVCS	,										
LEASEADJ. FINAL STLMNT LEASED OTHER	1:00				_		461.48- 6614.58-				
TAX RATE TAX ANT	80.8 80.	7.50%	7.50%	9.50% 39.62	7.25%		%00°6		6.00%	6.75%	6.75%
DEPRECIATION COST-OF-FUNDS M GT FEE		439.60 28.74 5.26	297.67 20.76 3.56	387.17 25.31 4.64	385.06 25.17 4.61	406.97 27.50 4.87		423.42 29.54 5.07	405.01 27.37 4.85	308.44 20.84 3.69	403.36 26.37 4.83
LSE-TERM/NO.INSVE BILL RATE FUNDS RATE	890/09	60/031 1.7992% 2.6250%	60/029 1.8064% 2.6250%	60/031 1.7992% 2.6250%	60/031 1.7992% 2.6250%	60/030 1.8028% 2.6250%	80/029 2.5000%	60/029 1.8065% 2.6250%	60/030 1.8028% 2.6250%	60/030 1.8028% 2.6250%	60/031 1.7992% 2.6250%
BILL MONTH CAP COST BOOK VALUE	12/04 18,706.50	12/04 26,323.26 13,135.26	12/04 17,824.70 9,489.94	12/04 23, 184.02 11, 568.92	12/04 23,057.50 11,505.70	12/04 24,369.65 12,567.52	11/04 23,509.64 12,516.56	12/04 25,354.55 13,498.79	12/04 24,252.38 12,507.09	12/04 18,469.55 9,524.79	12/04 24, 153.23 12,052.43
UNIT KO. INSVC-DATE INITIAL BILL DFF THE ROAD	00933 05/14/99 07/01/99	05/31/02 05/31/02 08/01/02	01006 07/25/02 10/01/02	04/14/02 06/14/02 08/01/02	01008 06/04/02 08/01/02	01009 07/11/02 09/01/02	01010 06/17/02 08/01/02 10/26/04	01011 07/22/02 09/01/02	01012 06/17/02 08/01/02	04013 06/28/02 08/01/02	01014 06/10/02 08/01/02
CLIENT ASSET 1D. DRIVER 1D. DRIVER NAME	17 R0Y	YATES	ESSICK	WHITE	WILL	SOMERVILLE	DEBOLT	STEPHENS	KENWORTHY	YOST	BURTON
	8017 P	٠	es .	٥	es es	2	I	٥	¥	U	۲
CLIENT BREAKDONN UNIT DESCRIPTION FAX JURISDICTION (CITY, COUNTY, STATE)	02-00-000 DODG 99 GRAND CARAVAN FWD LAFAYETTE LAFAYETTE LA 284GP44G3XR390100	02-00-000 DODG 02 RAM 2500 QUAD 4WD CHILLICOTHE ROSS DH 387KF23712M277219	02-00-000 DODG 02 DAKOTA EXT 2WD ZANESVILLE MUSKINGUM OH 187GL 12XX2S675996	02-00-000 DODG 02 DURANGO 4DR 4WD DELHI RICHLAND LA 1844538NX2F191289	02-00-000 DODG 02 DURANGD 4DR 4WD MANSFIELD RICHLAND DH 184HS38N82F191338	02-00-000 DODG O2 DURANGO 4DR 4₩D CHESTER CHESTERIELD VA 184HS38N32F191487	02-00-000 DODG 02 DURANGO 4DR 4WD WAYNESBURG GREENE PA 184HS38N72F191282	02-00-000 DODG 02 DURANGO 4DR 4WD PIKEVILLE PIKE KY 184HS38N52F191281	02-00-000 DDDG 02 DURANGO 40R 4WD VALPARAISO PORTER IN 184HS38N72F191279	02-00-000 D00G 02 RAM 1500 CARGO COLUMBUS FRANKLIN OH 287HB11Y72K139311	02-00-000 DODG O2 DURANGO 4DR 4WD SUGAR GROVE FAIRFIELD DH 1B4HS38NXZF191275

PHH Arval	

CLIENT BREAKDOWN SUMMARY LEVEL SUB-02-MARBLE CLIFF
DIV-00-

9.

130F

PAGE -

LEASED UNIT DETAIL

CLIENT NO 2812	INVOICE DATE - 12/01/04	INVOICE NO 0004572417

UNIT TOTAL OVE	489.38	513.82	449.63	398.23	388.56	480.00	518.73	464.83	Atta 438 . 72	chment U	e Gas Compa D.T.E. 05 WUA-3-17 (C Page 14 of
LINGE SVCS TO	4	വ	4	က	r:	4	נו	4	4	4	4
LEASEADJ. FINAL STLMNT LEASED OTHER				39,67-	27.28						
TAX RATE TAX ANT	9.00%	9.00%	7.25% 30.39	5.00%				8.00%	6.75% 27.74	9.00%	6.75%
DEPRECIATION COST-OF-FUNDS M GT FEE	415.89 28.10 4.98	434.89 31.29 5.21	389.14 25.44 4.66	387.47 26.18 4.64	334.66 22.61 4.01	443.74 30.95 5.31	478.57 34.43 5.73	398.68 26.94 4.77	379.93 26.50 4.55	415.64 29.90 4.98	392.71 26.53 4.70
SE-TERM/MO, INSVC BILL RATE FUNDS RATE	60/030 1.8028% 2.6250%	60/028 1.8102% 2.6250%	60/031 1.7992% 2.6250%	60/030 1.8029% 2.6250%	60/030 1.8028% 2.6250%	60/029 1.8065% 2.6250%	60/028 1.8102% 2.6250%	60/030 1.8028% 2.6250%	60/029 1.8065% 2.6250%	60/028 1.8101% 2.6250%	60/030 1.8028% 2.6250%
BILL MONTH CAP COST BOOK VALUE	12/04 24,903.39 12,842.58	12/04 26,041.07 14,299.04	12/04 23,301.82 11,627.62	12/04 23,201.55 11,964.92	12/04 20,039.43 10,334.29	12/04 26,571.28 14,146.56	12/04 28,656.69 15,735.30	12/04 23,873.16 12,311.44	12/04 22,750.25 12,112.21	12/04 24,888.55 13,666.27	12/04 23,515.48 12,126.89
UNIT NO. INSYC-DATE INITIAL BILL OFF THE ROAD	01015 07/02/02 08/01/02	01016 09/06/02 10/01/02	01017 06/06/02 08/01/02	01018 06/27/02 08/01/02	04019 06/28/02 08/01/02	01020 07/17/02 09/01/02	01021 09/14/02 11/01/02	01022 06/17/02 08/01/02	01023 07/26/02 09/01/02	01025 08/22/02 10/01/02	01026 06/17/02 08/01/02
CLIENT ASSET ID. URIVER ID. DRIVER NAME	R KREYDT	MCCOMBS	NDSNHOP	HARPER	12 DEGUZMAN	M ERSKINE	SPECHT	ОСНЕГГО	HARDY	40 YENCHA	MITCHELL
	z	٥	3	U	2812	دُ		٥	د	1540 R	Ø
CLIENT BREAKDOWN UNIT DESCRIPTION TAX UURISGICTION (CITV, COUNTY, STATE)	02-00-000 DODG 02 RAM 1500 QUAD 4WD BROCKVILLE JEFFERSON PA	02-00-000 DGDG 02 RAM 2500 QUAD 4WD WASHINGTON WASHINGTON PA 387KF23Z82M306778	02-00-000 DODG O2 DURANGD 4DR 4WD MANSFIELD RICHLAND OH 184HS38N52F191488	02-00-000 DODG O2 DURANGD 4DR 4WD CLENDENIN KANAWHA WV 184NS3RN12F191276	02-00-000 DODG 02 CARAVAN FWD RICHMOND HENRICD VA	02-00-000 DDDG 02 RAM 1500 QUAD 4WD STRASBURG SHENANDOAH VA 3D7HU18Z22G184863	02-00-000 DQDG 02 RAM 2500 QUAD 4WD STANARDSVILLE GREENE VA	02-00-000 DODG 02 DURANGO 4DR 4WD LAFAYETTE LAFAYETTE LA 184HS38N82F191288	02-00-000 DODG 02 RAM 2500 QUAD 2WD COLUMBUS FRANKLIN OH 387KC23Z42M306253	02-00-000 DODG 02 DURANGO 4DR 4WD MILFORD PIKE PA 184KS38N52F191278	02-00-000 DODG 02 DURANGO 4DR 4WD LORAIN LORAIN DH tB4HS38N62F191337

Bay State Gas Company
D.T.E. 05-27
Attachment UWUA-3-17 (c-1)
Page 15 of 54

PHH

,

PHH Arval

SF9 0002

	000	TOT IS STORY						
	20-906	SUB-UZ-MARBLE OF	Ļ				CLIENT NO 2812	2
	00- VI 0	.				LINAD	INVOICE DATE - 12,	12/01/04
	•	•						
						O.A.	INVOICE NU. COO	00045/241/
İ								
CLIENT ASSET ID. DRIVER ID. DRIVER NAME	UNIT NO. INSVC-DATE INITIAL BILL OFF THE ROAD	BILL MONTH CAP COST BOOK VALUE	LSE-TERM/MO. INSVC BILL RATE FUNDS RATE	DEPRECIATION COST-OF-FUNDS N GT FEE	TAX RATE TAX ANT	LEASEADJ. FINAL STLMNT LEASED OTHER	FLT MGT SVCS	UNIT TOTAL DUE
1	08/19/02	12/04 19, 405. 49	60/028 1.8101% 2.6250%	324.07 23.31	9.00%			
	20/10/01	00.500.01		6	2			382.87
2812 120272 J PAMSAV	01029 07/01/02 08/01/02	12/04 25,524.43 13 162 89	60/030 1.8028% 2.6250%	426.26 28.80 5.40			!	
	-0/10/00	20: 20:		2				460.16
B WESTLING	01030 07/26/02 10/01/02	12/04 22,750.25 12,112.21	60/029 1.8065% 2.6250%	379.93 26.50 4.55	6.75%			
								438.72
T WEIKERT	01031 06/25/02 08/01/02	12/04 23,732.30 12,238.73	60/030 1.8029% 2.6250%	396. 33 26. 78 4. 75	8.00%			462.09
	01044	12/04	60/020	365.26	i 			
D JOHNSON	04/16/03 06/01/03	21,871.82 14,931.88	1.8311% 2.3750%	29.55 5.69	9.00% 36.05			436.55
	01045	12/04	60/021	358.55	200			
D GUPUY	05/01/03	14,298.99	2.3750%	. 52 . 53 . 53 . 53 . 53	19.62	İ		412.05
2812	01046	12/04	60/021	339.64				
12918 D DEAN	03/26/03 05/01/03	20,338.01	1.8278% 2.3750%	26.81 5.29				r
	01052	12/04	60/020	420.67				-1
M SAUNDERS	04/04/03 05/01/03	25, 189.86 17, 197. 13	1.8311% 2.3750%	34.03 6.55				4
	81010	,0,0,	200/20					401.25
M MCCALLISTER	04/08/03 04/08/03 05/01/03	12/04 22,880.24 15,620.34	60/020 1.8311% 2.3750%	382.10 30.91 5.95				
								418.96
N DAVIS	01054 04/17/03 05/01/03	12/04 24,057.29 16,423.85	60/020 1.8311% 2.3750%	401.76 32.50 6.25				
								440.51
B DAVEY	01056 06/27/03 08/01/03	12/04 22,215.86 15,908.86	60/018 1.8377% 2.3750%	371.00 31.48 5.78	9.00%			J
								445.00
	202 202 201	CHILDS 812 20272 RAMSAY WESTLING WESTLING JOHNSON JOHNSON SAUNDERS SAUNDERS DAVEY DAVEY	CHILDS 00/19/02 812 01029 20272 07/01/02 RAMSAY 04/01/02 WESTLING 10/01/02 WESTLING 10/01/02 UDHUY 06/25/03 DUPUY 06/25/03 04/04/03 DUPUY 06/25/03 03/22/03 04/04/03 DAVIS 05/01/03 DAVEY 04/04/03	CHILDS 00/19/02 19/04 812 20272 01029 12/04 20272 07/01/02 10,655.60 20272 07/01/02 13,162.89 01/26/02 22,750.25 WESTLING 07/26/02 22,750.25 WEIKERT 08/01/02 12,112.21 01044 12/04 04/16/03 21,871.82 01045 03/22/03 21,469.99 05/01/03 14,298.99 05/01/03 13,545.21 01052 12/04 04/16/03 21,871.82 01045 03/26/03 20,338.01 05/01/03 13,545.21 01053 12/04 04/04/03 22,80.24 MCCALLISTER 05/01/03 15,620.34 04/17/03 22,80.24 MCCALLISTER 05/01/03 15,620.34 04/17/03 22,115.86 05/01/03 15,908.86	CHILDS 08/19/02 19,405.49 1.8101% 08/19/02 10,655.60 2.6250% 1.8101% 06/01/02 10,655.60 2.6250% 1.8101% 06/01/02 10,655.60 2.6250% 1.8028% 07/01/02 2.5,524.43 1.8028% 07/26/02 2.750.25 1.8028% 07/26/02 22,750.25 1.8055% 07/26/02 22,750.25 1.8055% 08/01/02 12,112.21 2.6250% 08/01/02 12,112.21 2.6250% 08/01/02 12,112.21 2.6250% 08/01/02 12,112.21 2.6250% 08/01/02 12,112.21 2.6250% 08/01/02 12,112.21 2.6250% 08/01/02 12,112.21 2.6250% 08/01/02 12,112.21 2.6250% 08/01/02 12,112.21 2.6250% 08/01/02 12,112.21 2.6250% 08/01/02 12,112.21 2.6250% 08/01/02 12,1238.73 2.6250% 08/01/03 14,931.88 2.3750% 06/021/03 14,931.88 2.3750% 06/01/03 14,931.88 2.3750% 06/01/03 13,545.21 2.3750% 06/020 04/04/03 20,338.01 1.8278% 05/01/03 13,545.21 2.3750% 06/01/03 17,197.13 2.3750% 06/01/03 15,620.34 2.3750% 06/01/03 15,620.34 2.3750% 06/01/03 16,423.85 2.3750% 06/01/03 16,423.85 2.3750% 06/01/03 16,423.85 2.3750% 06/01/03 16,908.86 2.3750% 06/01/03 15,908.86 2.3750%	CHILDS 09(1977 12/04 60/028 334.07 9 12/04 18101% 23.31 9 1 12/04 18101% 23.31 9 1 12/04 18101% 23.31 9 1 12/04 18101% 23.31 9 1 12/04 18101% 23.31 9 1 12/04 18101% 23.31 9 1 12/04 18101% 20.25.0 07/01/02 25.524.43 1.8028% 28.80 2.01030 07/01/02 13.162.89 2.6250% 4.55 27 2.007/01/02 12.112.21 2.6250% 4.55 27 2.007/01/02 12.112.21 2.6250% 4.55 27 2.007/01/02 12.112.21 2.6250% 4.55 27 2.007/01/02 12.112.21 2.6250% 4.55 27 2.007/01/02 12.112.21 2.6250% 4.55 27 2.007/01/02 12.128.73 2.6250% 4.55 27 2.007/01/02 12.128.73 2.6250% 4.75 34 2.007/01/02 12.238.73 2.6250% 4.75 34 2.007/01/02 12.238.73 2.6250% 4.75 34 2.007/01/02 12.238.73 2.6250% 4.75 34 2.007/01/02 12.238.73 2.6250% 4.75 34 2.007/01/03 14.298.99 2.3750% 5.68 15 2.007/01/03 14.298.99 2.3750% 5.68 15 2.007/01/03 13.545.21 2.007/020 382.10 04/04/03 20.0338.01 18278% 26.81 04/04/03 20.0338.01 18278% 26.81 04/04/03 20.0338.01 18278% 26.81 04/04/03 13.545.21 2.0750% 5.95 0.007/01/03 17.197.13 2.3750% 6.55 0.007/01/03 17.197.13 2.3750% 6.25 0.007/01/03 15.620.34 2.3750% 6.25 0.007/01/03 15.620.34 2.3750% 6.25 0.007/01/03 15.908.86 1.8371% 30.91 04/01/03 15.908.86 1.8377% 31.48 96 0.007/01/03 15.908.86 1.8377% 31.48 96 0.007/01/03 15.908.86 2.3750% 5.78 96 0.007/01/03 15.008/01/0	CHILDS 09/19/2 19,405-49 181014 324.07 9 09/19/02 19,405-49 181014 23.31 9 19.0019/02 10/01/02 10,655.60 2.6250% 3.88 31 2.001029 12/04 60/030 426.26 28.80 2.0272 07/01/02 25,524.43 1.8028% 28.80 28.80 2.0272 07/01/02 13,162.89 2.6250% 3.88 31 2.001030 1.2/04 60/029 379.93 2.01030 07/01/02 12,122.1 2.6250% 4.55 2.0 6.0029 07/01/02 12,122.1 2.6250% 4.55 2.0 6.0029 07/01/02 12,1238.73 2.6250% 4.55 3.000000 00/01/02 12,1238.73 2.6250% 4.55 3.000000 00/01/02 12,1238.73 2.6250% 4.75 34 2.000000 00/01/02 12,1238.73 2.6250% 4.75 34 2.000000 00/01/02 12,1238.73 2.6250% 4.75 34 2.000000 00/01/02 12,1238.73 2.6250% 4.75 34 2.000000 00/01/02 12,1238.73 2.6250% 26.81 20.00000 00/01/02 14,1298.99 2.3750% 5.58 15 00/01/02 12,1298.39 2.3750% 5.58 15 00/01/02 12,1298.39 2.3750% 5.58 15 00/01/02 12,1298.39 2.3750% 5.58 15 00/01/02 12,1298.39 2.3750% 5.58 15 00/01/02 12,1298.39 2.3750% 5.59 00/01/02 12,1200 00/0	CHILDS 09(1977 12/04 60/028 334.07 9 12/04 18101% 23.31 9 1 12/04 18101% 23.31 9 1 12/04 18101% 23.31 9 1 12/04 18101% 23.31 9 1 12/04 18101% 23.31 9 1 12/04 18101% 23.31 9 1 12/04 18101% 20.25.0 07/01/02 25.524.43 1.8028% 28.80 2.01030 07/01/02 13.162.89 2.6250% 4.55 27 2.007/01/02 12.112.21 2.6250% 4.55 27 2.007/01/02 12.112.21 2.6250% 4.55 27 2.007/01/02 12.112.21 2.6250% 4.55 27 2.007/01/02 12.112.21 2.6250% 4.55 27 2.007/01/02 12.112.21 2.6250% 4.55 27 2.007/01/02 12.128.73 2.6250% 4.55 27 2.007/01/02 12.128.73 2.6250% 4.75 34 2.007/01/02 12.238.73 2.6250% 4.75 34 2.007/01/02 12.238.73 2.6250% 4.75 34 2.007/01/02 12.238.73 2.6250% 4.75 34 2.007/01/02 12.238.73 2.6250% 4.75 34 2.007/01/03 14.298.99 2.3750% 5.68 15 2.007/01/03 14.298.99 2.3750% 5.68 15 2.007/01/03 13.545.21 2.007/020 382.10 04/04/03 20.0338.01 18278% 26.81 04/04/03 20.0338.01 18278% 26.81 04/04/03 20.0338.01 18278% 26.81 04/04/03 13.545.21 2.0750% 5.95 0.007/01/03 17.197.13 2.3750% 6.55 0.007/01/03 17.197.13 2.3750% 6.25 0.007/01/03 15.620.34 2.3750% 6.25 0.007/01/03 15.620.34 2.3750% 6.25 0.007/01/03 15.908.86 1.8371% 30.91 04/01/03 15.908.86 1.8377% 31.48 96 0.007/01/03 15.908.86 1.8377% 31.48 96 0.007/01/03 15.908.86 2.3750% 5.78 96 0.007/01/03 15.008/01/0

Bay State Gas Company
D.T.E. 05-27
Attachment UWUA-3-17. (c-1)
Page 16 of 54

		Part of	TOTAL ACCOUNTS OF THE PARTY OF	i ener					
LEASED UNIT DETAIL		נרובאו	SKERNUUNN SUDDAKI	LEVEL			- T	C115NT NO 2812	_
		SUB-02-	SUB-02-MARBLE CLIFF NIV-00-	L.					
			2 '				DANI	INVOICE DATE - 12/	12/01/04
PAGE - 150F 31		, , ,					INAC	INVOICE ND 000	0004572417
CLIENT BREAKOOHN UNIT DESCRIPTION TAX JURISDICTION (CITY, COUNTY, STATE)	CLIENT ASSET ID. DRIVER ID. DRIVER NAME	UNIT NO. INSVC-DATE INITIAL BILL OFF THE ROAD	BILL MONTH CAP COST BOOK VALUE	LSE-TERM/MO.INSVC BILL RATE FUNDS RATE	DEPRECIATION COST-OF-FUNDS M GT FEE	TAX RATE FAX AMT	LEASEADJ. FINAL STLMNT LEASED OTHER	FLT NGT SVCS	UNIT TOTAL DUE
02-00-000 DODG 99 CARAVAN FWD CDATESVILLE CHESTER PA	TC02483 R KLEIN	02390 05/12/99 06/01/99	12/04 16,834.50	50/068		9.00% .09	1.00		1.09
OS-00-000 UEEP 99 CHEROKEE 4DR 4WD WASHINGTON PA	TCD0489 G FYDLA	02461 05/14/99 07/01/99	12/04 18,644.30	890/09		9.00° 80°.	4.00		1.09
02-00-000 UEEP 99 CHEROKEE 4DR 4WD MDNACA BEAVER PA	TCDOSS6 J GALLAGHER	02475 05/14/99 07/01/99	11/04 18,644.30	000/09			36.00-		36.00-
104FF2858FE648190 02-00-000 0EP 99 CHEROKEE 4DR 4WD ELKINS RANDOLPH WV	TCD1898 Z HAMMACK	05/24/99 05/24/99 07/01/99	12/04	60/067		5.00%	5.82		5,87
02-00-000 JEEP 99 CHEROKEE 4DR 4WD ELKINS RANDOLPH WV	TC02147 P TICE	02482 05/26/99 07/01/99	12/04 18,715.02	60/067		5.00%	5.83		5.88
02-00-000 JEEP 99 CHEROKEE 4DR 4WD CHARLESTON KANAWHA WV	TC01854 D RAINES	02485 05/25/99 08/01/99	12/04 18,372.50	60/067		5.00%	10.84		10.89
01-07-05-05-05-05-05-05-05-05-05-05-05-05-05-	TCD2504 B HALTERMAN	02490 06/30/00 09/01/00 06/11/04	10/04 22,205.98	000/09			81.00		81.00-
02-00-000 UEEP 01 CHEROKEE 4DR 4WD SAINT ALBANS KANAWHA WV	TC00478 S COLE	02527 02/16/01 06/01/01	12/04 20,104.50 4,995.75	60/046 1.7444% 2.6250%	335.75 10.93 4.02	5.00%			367.69
02-00-000 DODG 01 RAM 2500 QUAD 4WD STRASBURG SHENANDGAH VA	I TURNER I TURNER	02642 07/09/01 09/01/01	12/04 26,814.50 8,454.70	60/042 1.7590% 2.6250%	447.80 18.50 5.36				471.66
OS OF CONTROL OF SET OF CONTROL OF CONTROL OF CHARLESTON KANAWHA WV	R G GILMORE	02670 05/07/01 06/01/01	12/04 20,082.50 2,811.55		401.65 6.15 4.02	5.00%	17.03		achment C
O2-O0-O00 JEEP O1 CHEROKEE 4DR 4WD SAINT ALBANS KANAWHA WV	D HENSLEY	02671 03/30/01 06/01/01	12/04 20,295.50 2,435.46	50/045 2.0463% 2.6250%	405.91 5.33 4.05	5.00%	:	.	Page 08.92*
104FF48S/1L608808									1

Bay State Gas Company
D.T.E. 05-27
Affachment UWUA-3-17 (c-1)
Page 17 of 54

JEDSED UNIT DETAIL		CLIENT	CLIENT BREAKDOWN SUMMARY LEVE	1EVEL					
		O-BUS	SUB-02-MARBLE CLIFF	IFF			= - 	CLIENT NO 2812	7
		- 750					INAD	INVOICE DATE - 12/	12/01/04
PAGE - 160F 31			, , ,				INVO	INVOICE NO OOC	0004572417
CLIENT BREAKODHN UNIT DESCRIPTION TAX JURISDICTION (CITY, COUNTY, STATE)	CLIENT ASSET ID. DRIVER ID. DRIVER NAME	UNIT NO. INSVC-DATE INITIAL BILL OFF THE ROAD	BILL MONTH CAP COST BOOK VALUE	LSE-TERM/NO. INSVC BILL RATE FUNDS RATE	DEPRECIATION COST-OF-FUNDS M GT FEE	TAK RATE TAX AHT	LEASEADJ. FINAL STLMNT LEASED OTHER	FLT NGT SVCS	UNIT TOTAL DUE
02-00-000 FORD 02 EXPLORER 4DR 4WD CLENDENIN KANAWHA WV 1FMZU72EX2UA40879	TCOO427 R GILLESPIE	02672 04/18/01 06/01/01	12/04 23,582.30 3,301.35	50/044 2.0506% 2.6250%	471.65 7.22 4.72	5.00%	20.59		528.00
02-00-000 JEEP O1 CHEROKEE 4DR 4WD SAINT ALBANS KANAWHA WV 1J4FF48S81L608803	L W MCCOY	02673 03/28/01 06/01/01	12/04 20,087.50 2,410.50	50/045 2.0462% 2.6250%	401.75 5.27 4.02	5.00%			431,33
02-00-000 JEEP 01 CHEROKEE 4DR 4WD WAYNESBURG GREENE PA	TC01524 S DURBIN	02674 05/15/01 07/01/01	12/04 20,825.32 5,870.78	60/044 1,7517% 2,6250%	347.78 12.85 4.17	9.00%			397,63
02-00-000 JEEP 01 CHEROKEE 4DR 4WD FINDLAY HANCOCK DH 1J4FF48S21L617108	TC02575 M SANGREGORY	02675 05/10/01 11/01/01	12/04 20,536.61 5,789.33	60/044 1.7517% 2.6250%	342.96 12.67 4.11	6.75% 24.28			384.02
4DR 4WD TON (IND C	TCD1732 VA D O'BRIEN	02676 06/28/01 09/01/01	12/04 21,680.48 6,836.02	60/042 1.7590% 2.6250%	362.06 14.96 4.34		39.07		420,43
02-00-000 JEEP 01 CHEROKEE 4DR 4WD MONKTON BALTIMORE MD 1J4FF48SX1L608804	R LANG	02677 04/25/01 06/01/01	12/04 21, 168, 75 2, 963, 41	50/044 2,0506% 2,6250%	423.38 6.48 4.23				434.09
02-00-000 JEEP 01 CHEROKEE 4DR 4WD PIKEVILLE PIKE KY 1J4FF48S51L608807	P COMBS	02678 04/18/01 07/01/01	12/04 21,631.88 3,028.36	50/044 2.0507% 2.6250%	432.64 6.63 4.33				443.60
02-00-000 FORD 02 EXPLORER 4DR 4WD WAYNESBURG GREENE PA 1FMZU72E22UA56896	TCO1584 N GUMBERT	02679 07/09/01 09/01/01	12/04 24,202.19 7,630.81	60/042 1,7590% 2,6250%	404.18 16.70 4.84	9.00%			464,03
02-00-000 JEEP 01 CHEROKEE 4DR 4WD WASHINGTON WASHINGTON PA 1J4FF48S41L608801	K C BELL	02680 03/27/01 06/01/01	12/04 20, 193.25 2,422.97	50/045 2.0463% 2.6250%	403.87 5.30 4.04	9.00%			450.40
02-00-000 JEEP 01 CHEROKEE 4DR 4WD WESTBORD WORCESTER MA 1J4FF48S61L608802	118354 D DUPUY	02681 05/07/01 07/01/01	12/04 20,082.50 2,811.55	50/044 2.0506% 2.6250%	401.65 6.15 4.02	5.00% 20.59			432,41
02-00-000 JEEP 01 CHEROKEE 4DR 4WD LAFAYETTE LAFAYETTE LA 104FF48S11L608805	2812 T CONNDR	02682 04/04/01 06/01/01	12/04 21,502.58 2,580.38	50/045 2.0463% 2.6250%	430.05 5.65 4.30	8.00% 35.20			475,20 ^a

:;

	_										. ,				Alla	chment U	VVU
		2.	12/01/04	0004572417		UNIT TOTAL Due	434.60	107.06	400.52	1.07	1.07	1.07	10.66	1.07	1.10		Pa
9 0002		CLIENT NO 2812	INVOICE DATE - 12/	INVOICE NO 000		FLT NGT SVCS											
BSF9	_	St. E.	LINAO	INVO		LEASEADJ. FINAL STLMNT LEASED OTHER	14.29	107.06		1.00	1.00	1.00	9.99	1.00	1.00		
						TAX RATE TAX ANT	5.00% 19.77	;	6.75% 25.32	6.75%	6.75% .07	7.25%	6.75% .67	6.75%	10.00%		
						DEPRECIATION COST-OF-FUNDS M GT FEE	391.49 5.14 3.91		346.15 24.90 4.15			i					
	LEVEL	±±1				LSE-TERM/MO. INSVC BILL RATE FUNDS RATE	50/045 2.0462% 2.6250%	60/127	60/028 1.8101% 2.6250%	060/09	60/019	50/058	60/076	50/054	690/09		
	CLIENT BREAKDOWN SUMMARY LEVEL	SUB-02-MARBLE CLIFF DIV-00-	, '			BILL MONTH CAP COST BOOK YALUE	12/04 19,574.50 2,348.94	12/04 16, 508. 60	12/04 20,727.66 11,381.61	12/04 16,709.15	12/04 19,816.92	12/04 18, 215.00	12/04 57,359.22	12/04 18, 264. 40	12/04 21,211.50		
	CLIENT	SUB-C	1) ()		UNIT NO. INSVC-DATE INITIAL BILL OFF THE RDAD	02683 04/06/01 06/01/01	02997 06/08/94 07/01/94	05094 08/19/02 10/01/02	05261 06/24/97 08/01/97	05343 05/28/98 07/01/98	05350 03/01/00 04/01/00	05370 09/02/98 10/01/98	05679 07/06/00 08/01/00	09268 03/30/99 05/01/99		
						CLIENT ASSET 1D. DRIVER ID. DRIVER NAME	ADKINS	U121025 B CAMPEOL	MULFORD	NEWTON	LEWIS	CLINE	REAM	ABENDSCHEIN	DALEY		
							U	U13	Σ	4	Ų	×	Σ	כ	Σ	i	
	LEASED UNIT DETAIL			PAGE - 170F 31		CLIENT BREANDOWN UNIT DESCRIPTION TAX JURISDICTION (CITY, COUNITY, STATE)	02-00-000 JEEP 01 CHEROKEE 4DR 4WD HUNTINGTON CABELL WV 104FF48S311608806	02-00-000 CHEV 94 ASTRO PASSENGER WARRENTON FAUGUIER VA 1GNDM15Z8RE230302	02-00-000 DODG 02 RAM 3500 CARGO COLUMBUS FRANKLIN OH 2BTKB31222K139534	02-00-000 FORD 97 F-250 HD COLUMBUS FRANKLIN OH 3FTHF25H5VMA37643	02-00-000 CHEV 98 K 1500 4WD COLUMBUS FRANKLIN OH 1GCEK14ROWZ225201	02-00-000 DODG OO CARAVAN FWD ATHENS ATHENS OH 2B4GP45G6YR710946	O2-00-000 INTE 99 INTERNATIONAL-MT COLUMBUS FRANKLIN OH 1HTSDAAN3XH659315	O2-OO-OOO PLYM OO VDYAGER FWD COLUMBUS FRANKLIN OH 2C4GJ45G8YR814164	02-00-000 DODG 99 RAM 2500 QUAD 4WD BETHEL PARK ALLEGHENY PA 1B7KF23Z6XJ605741		
L	_				j	L	<u> </u>	<u> </u>	<u> </u>	L	L	L,	L	L	L	L	L

					<u> </u>	 	 		 	Atta	acnment (JWUA-3-	17 (C-
		2	0004572417	UNIT TOTAL DUE	23,214,57		•				achment (Page 1	9 of 5
9 0002		CLIENT NO 2812	INVOICE NO 00045724	FLT MGT SVCS	,							٠	
8SF9		3173	OAN!	LEASEADJ. FINAL STIMNT LEASED OTHER	461.48- 6614.58- 270.54							:;	
				TAX RATE TAX AMI	1401.31								
				DEPRECIATION COST-OF-FUNDS M GT FEE	26,449.99 1,823.45 345.34			9				to my	
1	LEVEL	보보1		LSE-TERM/MD. INSVC BILL RATE FUNDS RATE	,								
į	CLIENI BREAKDOWN SUMMARY LEVEL	SUB-02-MARBLE CLIFF DIV-00-		BILL MONTH CAP COST BOOK VALUE	1852, 170.33 881,984.73								
	CLIENT	0-8US 0-VIO	1 1) 1	UNIT NO. INSVC-DATE INITIAL BILL OFF THE ROAD	83						,		
				CLIENT ASSET 1D. DRIVER ID. DRIVER WANE	LEASED UNITS								
	LEASED UNIT DETAIL		PAGE - 180F 31	CLIENT BREAKDONN UNIT DESCRIPTION TAX JURISDICTION (CITY, COUNTY, STATE)	BREAKDOWN TOTALS 02-00-000								.6185

BLG185

PAGE

TAX

.5	,								_		Atta	chment U	D.T.E. WUA-3-1 Page 2	. 05-27 7 (c-1
		2 01/04	0004572417		UNIT TOTAL DUE	<u>ဖ</u> တ	9.96						Page 2	1 of 54
9 0002		CLIENT NO 2812 INVOICE DATE - 12/01/04	INVOICE NO OOC		FLT MGT SVCS					'				
BSF9	_	CLJE INVO	INVO		LEASEADJ. FINAL STLMNT LEASED OTHER	9.33	9.33							
					TAX RATE TAX AMT	6.75% .63	.63							
					DEPRECIATION COST-OF-FUNDS M GT FEE									
	LEVEL	IFF OPR		,	LSE-TERM/MO. INSYC BILL RATE FUNDS RATE	50/119								
	CLIENT BREAKDOWN SUNMARY LEVEL	SUB-02-MARBLE CLIFF DIV-71-EDP/COMP OPR	1 1 1			12/04 18,659.99	18,659.99							
	CLIENT	SUB-C DIV-7	1 1 1		UNIT NO. INSVC-DATE INITIAL BILL OFF THE ROAD	09508 01/19/95 03/01/95	+							
					CLIENT ASSET ID. DRIVER ID. DRIVER MAME	M MAIL SERVICE	LEASED UNITS							
	LEASED UNIT DETAIL		PAGE - 200F 31		CLIENT BREAKDONN UNIT DESCRIPTION TAX JURISDICTION (GITY, COUNTY, STATE)	02-71-001 JEEP 95 CHEROKEE COLUMBUS FRANKLIN OH 1J4FJ2851SL583473	BREAKDOWN TOTALS 02-71-001							16185

816185

PHH Arval

UNIT TOTAL DUE - 0004572417 INVOICE DATE - 12/01/04 FLT MGT SVCS 9002 INVOICE NO. CLIENT NO. LEASEADJ. FINAL STLWNT LEASED OTHER TAX RATE TAX AMF DEPRECIATION COST-OF-FUNDS M GT FEE LSE-TERM/MO. INSVC BILL RATE FUNDS RATE CLIENT BREAKDOWN SUMMARY LEYEL BILL MONTH CAP COST BOOK VALUE UNIT NO.
INSVC-DATE
INITIAL BILL
OFF THE ROAD CLIENT ASSET ID. DRIVER 1D. DRIVER NAME CLIENT BREAKDOWN UNIT DESCRIPTION JURISDICTION (CITY, COUNTY, STATE) 3 LEASED UNIT DETAIL 2106 PAGE TAX

Bay State Gas Company D.T.E. 05-27 achment UWUA-3-17 (c-1) Page 2β of 54

;											Att	achment l	D.T.E JWUA-3- Page 2	. 05-2 17 (c-
ННА	2812	0004572417	UNIT TOTAL DUE	8	90	1.05	3.11	36,084.26					Page 2	B of 5
9 0002	Na. "	+	FLT MGT SVCS											
BSF9		OVNI	LEASEADJ. FINAL STLMNT LEASED OTHER	1.00	4.0	1.00	3.00	461.48- 6614.58- 153.58					:;	
			TAX RATE		6.00% .06	5.00%	.11	2081.51						
			DEPRECIATION COST-OF-FUNDS M GT FEE					37,767.65 2,662.15 495.43					t m	
	LEVEL FF VCS		LSE-TERM/MG. INSVC 81/L RATE FUNDS RATE	50/070	50/066	50/066								
	CLIENT BREAKDONN SUMMARY LEVEL SUB-02-MARBLE CLIFF DIV-75-EDP/TECH SVCS	, , ,		12/04 18, 626.25	12/04 18, 149.08	12/04 18,001.72	54,777.05	2764,929.09 1289,840,46						
	CLIENT B SUB-O: DIV-7:		UNIT NO. INSVC-DATE INITIAL BILL OFF THE ROAD	09901 02/26/99 04/01/99	09910 07/07/99 09/01/99	09911 07/01/99 08/01/99	က	125 27						
			CLIENT ASSET 1D. DRIVER 1D. DRIVER NAME	2812 483401 S BAYS	C HENSEL	2812 N/A S SOTTILE	LEASED UNITS	LEASED UNITS						
	LEASED UNIT DETAIL	PAGE - 220F 31	CLIENT BREAKDOWN UNIT DESCRIPTION TAX JURISDICTION (CITY, COUNTY, STATE)	02-75-000 DODG 99 GRAND CARAVAN FWD LEXINGTON FAYETTE KY 284GP44G6XR337648	02-75-000 DODG 99 RAM 2500 CARGO WHEATFIELD JASPER IN 287J821YXXK551219	02-75-000 DODG 99 RAM 2500 CARGO WESTBORO WORCESTER MA 287J821Y2XK551215	BREAKDOWN TOTALS	INVOICE TOTALS						
	-	o.	TAX	8 E G G	25 <u>E</u> 25	28. 28.]		,					G185

Bay State Gas Company D.T.E. 05-27 chment UWUA-3-17 (c-1) Page 24 of 54

TOT LEASE ADJUSTED TOT FINAL SETTLEMENT TOT LEASED DIHER 4.0 3. 3.22 8,52 44.12 15.24 14.56 446.90 .8 8 57 95.38 0004572417 œ, INVOICE DATE - 12/01/04 2812 3ADF9 0002 72.85 519.75-114.10 110.88 1.00 1.00 70.38 24.00 8.8 8 1.00 60. 8 8.57 8.52 14.56 INVOICE NO. ANOUNT CLIENT NO. \$ ≩ ≩ 3 O4 VA FAUQUIER COUNTY CR EST O4 PPTE VA FAUQUIER TOTAL LEASED OTHER = O3 WV KANAWHA CDUNTY CR EST O3 PPTE WV KANAWHA TOTAL LEASED OTHER = THEREAFTER FEE 2004 EST PPT WINCHESTER TOTAL LEASED OTHER = THEREAFTER FEE
281201042REG RE-REG RENEWAL CHARGE
281201042REG RE-REG FEE
TOTAL LEASED OTHER = RANDOLPH THEREAFTER FEE 2004 EST PPT KANAWHA TOTAL LEASED OTHER = 2004 EST PPT KANAWHA TOTAL LEASED OTHER = CHARGE Description THEREAFTER FEE TOTAL LEASED OTHER 2004 EST PPT RANDOL TOTAL LEASED OTHER THEREAFTER FEE TOTAL LEASED OTHER THEREAFTER FEE TOTAL LEASED OTHER THEREAFTER FEE TOTAL LEASED OTHER THEREAFTER FEE TOTAL LEASED OTHER REFERENCE NUMBER മെ CLIENT BREAKDOHN SUMMARY LEVEL O3WVO39 04VA061 04VA061 SUB-01-RESTON DIV-00-≩ ≩ ⋩⋩⋩ 4 × z 3 금 33 동 3 A } } ₹ 07/01/03 07/01/03 12/01/04 10/21/04 10/21/04 12/01/04 12/01/04 01/01/04 01/01/04 12/01/04 12/01/04 12/01/04 12/01/04 12/01/04 12/01/04 12/01/04 ACTIVITY DATE LSE'D OTHER EST.PPT TX LSE'D OTHER OTHER OTHER DTHER LSE'D OTHER LSE'D OTHER LSE'D OTHER LSE'D OTHER LSE'D OTHER EST.PPT TX PERS. PROP EST.PPT TX PERS. PROP EST.PPT TX EST. PPT TX EST. PPT TX CHARGE TYPE 1.SE'D 1 F L HARRIS II DRIVER NANE ANDERSON U D ADAMSON DEFALLO CLAYTOR J KEARNEY BARGER MYERS CAREW F CK HALL REW כ œ ۵ B Ø ¥ ⋖ ר O1058 DODG 03 DURANGO 4 M ۵ ı 02504 JEEP 99 CHEROKEE O2668 JEEP O1 CHEROKEE 02316 JEEP 99 CHEROKEE 02460 JEEP 99 CHEROKEE DODG 97 RAM 1500 CHEROKEE O1 CHEROKEE 05022 DODG OO STRATUS 05467 PLYM 99 VDYAGER 00923 PLYM 96 VOYAGER UNIT DESCRIPTION CLIENT ASSEST 10. 01042 PLYM 99 BREEZE ADJUSTMENT/OTHER CHARGE DETAIL 9 66 2305 02356 JEEP 02583 JEEP 00459 PAGE UNIT NO.

Arval	
PHH	

		BADF9 0002
THENT/OTHER CHARGE DETAIL	CLIENT BREAKDOWN SUMMARY LEVEL	
	SUB-01-RESTON	CLIENT NO 2812
	-00-\nIQ	
	1 1	INVOICE DATE - 12/01/04
	, ,	
AGE - 240F 31	1 1	INVOICE NO 00045724

_										
	2812	12/01/04	INVOICE NO 0004572417	!	TOT LEASE ADJUSTED TOT FINAL SETTLEMENT TOT LEASED OTHER	1.00	121.00	1.00	0.1	129.29-
	CLIENT ND	INVOICE DATE - 12/01/04	INVOICE NO		AMOUNT	8	15.00 106.00	1.00	1.00	129.29-
-					CHARGE DESCRIPTION	THEREAFTER FEE TOTAL LEASED GTHER *	NOV 04 KY DELINQUENT LIST NOV 2004 DELINQUENT LIST TOTAL LEASED OTHER =	THEREAFTER FEE TOTAL LEASED OTHER =	THEREAFTER FEE TOTAL LEASED OTHER =	TOTAL LEASE ADJUST = TOTAL FINAL STLMNT = TOTAL LEASED OTHER = T O T A L C H A R G E S
CLIENT BREAKDOWN SUMMARY LEVEL	SUB-01-RESTON				REFERENCE NUMBER		VA KY 04KYYL178214			16
KDOWN	24 - R	,			ST	금	K ≰	PA	PA	
CLIENT BREA	SUB-01-	,	1 1 1		ACTIVITY DATE	12/01/04	11/08/04	OTHER 12/01/04	12/01/04	UNITS
			; ; ;		CHARGE TYPE	LSE'D OTHER	PPTSPCOOWN PERS. PROP	LSE'D OTHER	LSE'D OTHER	
			 		DRIYER HAME	SIEVERT	A G CAREW	STEWART	ADAMS	
		······································					1	T.	8 	νį
ADJUSTMENT/OTHER CHARGE DETAIL			240F 31		UNIT DESCRIPTION CLIENT ASSEST ID.	O5487 PLYM 99 BREEZE	O7566 JEEP OO CHEROKEE	09001 DODG OO CARAVAN F K	09006 DODG OO CARAVAN F B	BREAKDOWN TOTALS 01-00-000
ADJUSTMENT/			- 304G		UNIT NO.	05487	07566	1 10060	90060	

TOT LEASE ADJUSTED TOT FINAL SETTLEMENT TOT LEASED OTHER 1.00 8 73.58 17.58 43.96 25,29 0004572417 INVOICE DATE - 12/01/04 26.07-26.07-38.10-6,068.42-546.16-BADF9 0002 392.61-8 1.00 16.58 16.00 25.00 15.00 .8 25.29 43.96 INVOICE NO. AMDUNT CLIENT NO. THEREAFTER FEE
2004 EST PPT FAIRFAX (IN VA
G DUPLICATE REGISTRATION CHARG
G OUPLICATE REG FEE
EXPRESS MAIL CHARGE
TOTAL LEASED OTHER = ? ⋛ MGT FEE CST FNDS RNTL TAX RNTL TAX 2004 EST PPT CHESTERFIEL TOTAL LEASED OTHER = 2004 EST PPT KANAWHA TOTAL LEASED OTHER = 2004 EST PPT JACKSON TOTAL LEASED OTHER = CHARGE Description THEREAFTER FEE TOTAL LEASED OTHER THEREAFTER FEE TOTAL LEASED OTHER LS-FNL STL ADJ- D LS-FNL STL ADJ- M LS-FNL STL ADJ- C LS-FNL STL ADJ- R FINAL SETTLE ADJ FINAL RNTL ADJ - R 281200826REG 281200826REG REFERENCE NUMBER CLIENT BREAKDOWN SUMMARY LEVEL SUB-02-MARBLE CLIFF DIV-00-5 ₹ 동 7 12/01/04 12/01/04 11/13/04 11/13/04 11/01/04 11/01/04 11/01/04 11/01/04 12/01/04 12/01/04 12/01/04 12/01/04 12/01/04 12/01/04 ACTIVITY DATE LSE'D OTHER EST.PPT TX LSE'D OTHER LSE'D OTHER LSE'D OTHER LSE'D OTHER LSE'D OTHER LEASE ADJ. LEASE ADJ. LEASE ADJ. LEASE ADJ. FNL STLMNT ř EST. PPT TX CHARGE TYPE EST. PPT EST. PPT CUNNINGHAM MCCARTNEY DRIVER NAME SCHAFER LOWTHER E HINSON DEBOLT ROY 4 S r X ပ OO820 DUDG O4 DURANGG 4 A O1010 DODG OZ DURANGO 4 H က COSSS DODG 99 GRAND CAR P ŭ DODG 04 DURANGO 2812 OO822 DODG 98 CARAVAN OO845 DODG O4 DAKOTA UNIT DESCRIPTION CLIENT ASSEST 10. COS26 PLYM 98 BREEZE ADJUSTMENT/DIHER CHARGE DETAIL 9 25 of 00818 PAGE UNIT NO.

	Bay S	State Gas	Company
461.48-	Attachmer - L9 : 68	Pac Pac Pac Pac	Company T.E. 05-27 -3-47 (c-1) ge 26 of 54
	20.26 227.47 287.40	27.28	
98 64 56	¥ ¥	AV	
SALE PROC 18584.98 DRIG. CDST - 23509.64 BK. VALUE - 12516.56 TOTAL LEASE ADJUST = TOTAL FINAL STLMNT =	2004 EST PPT KANAWHA O3 WV KANAWHA COUNTY CR EST O3 PPTE WV KANAWHA TOTAL LEASED OTHER =	2004 EST PPT HENRICO TOTAL LEASED OTHER =	
444 444	WV WV O3WVO39 B WV O3WVO39 B	VA	
12/01/04 12/01/04 12/01/04	12/01/04 07/01/03 07/01/03	12/01/04 VA	
FNL SETTLE FNL SETTLE FNL SETTLE	EST.PPT TX PERS. PRDP EST.PPT TX	EST, PPT TX	
	HARPER	DEGUZMAN	
	O1018 DODG O2 DURANGO 4 G	O1019 DDDG O2 CARAVAN F D DEGUZMAN	(12/00)

BADF9 0002

9

72417

	SUB-02-MAKBLE CLIFF	CLIENI NU 2812
31	-01V-00-	
31	1 1	INVOICE DATE - 12/01/0
31		
	• •	INVOICE NO 0004572
	i	-

CLIENT BREAKDOWN SUMMARY LEVEL

ADJUSTMENT/OTHER CHARGE DETAIL

TOT LEASE ADJUSTED TOT FINAL SETTLEMENT TOT LEASED OTHER	00°±	1.00	36.00-	5.82	5.83	10.84	81.00-	17.03	20.59	39.07	14.29	107.06	Pag
AMDUNT	8.	8.	36.00-	1.00	1.00	9.84	81.00-	17.03	20.59	39.07	14.29	8.25 98.81	·
				>	24	3		>,	>*	(VA	^M		
CHARGE DESCRIPTION	THEREAFTER FEE TOTAL LEASED OTHER =	THEREAFTER FEE TOTAL LEASED OTHER =	LICENSE PLATE REFUND TOTAL LEASED OTHER =	THEREAFTER FEE 2004 EST PPT RANDOLPH TOTAL LEASED OTHER =	THEREAFIER FEE 2004 EST PPT RANDOLPH TOTAL LEASED OTHER *	THEREAFTER FEE 2004 EST PPT KANAWHA TOTAL LEASED OTHER =	LICENSE PLATE REFUND TOTAL LEASED OTHER =	2004 EST PPT KANAWHA TOTAL LEASED OTHER =	2004 EST PPT KANAWHA TOTAL LEASED OTHER =	2004 EST PPT LEXINGTON TOTAL LEASED OTHER =	2004 EST PPT CABELL TOTAL LEASED OTHER =	THEREAFIER FEE 04 VA FAUQUIER COUNTY 10TAL LEASED OTHER =	پېر د
REFERENCE NUMBER												VA VA 04VA061	
15	A A	ΡΑ	PA	≩ ≩	33	≩ ≩	Ad	À	≩	××	≩	A A	
ACTIVITY DATE	12/01/04	12/01/04	11/12/04	12/01/04	12/01/04	12/01/04	10/26/04	12/01/04	12/01/04	12/01/04	12/01/04	12/01/04 01/01/04	
CHARGE TYPE	LSE'D OTHER	LSE'D OTHER	LSE'D OTHER	LSE'D OTHER EST.PPT TX	LSE'D OTHER EST.PPT TX	LSE'D OTHER EST. PPT TX	LSE'D OTHER	EST.PPT TX	EST. PPT TX	EST. PPT TX	EST.PPT TX	LSE'D OTHER PERS. PROP	
ORIVER NAME	KLEIN	FYDLA	GALLAGHER	НАММАСК	TICE	RAINES	HALTERMAN	R G GILMORE	GILLESPIE	O'BRIEN	ADKINS	CAMPEOL	
UNIT DESCRIPTION CLIENT ASSEST 1D.	DODG 99 CARAVAN F R	JEEP 99 CHEROKEE G	JEEP 99 CHEROKEE J	JEEP 99 CHEROKEE Z	02482 JEEP 99 CHEROKEE P	JEEP 99 CHEROKEE D	CHEV OO ASTRO CAR B	O2670 JEEP O1 CHEROKEE R	O2672 FORD O2 EXPLORER R	JEEP OI CHEROKEE D	JEEP O1 CHEROKEE C	CHEV 94 ASTRO PAS B	
UNIT NO.	02330	02461 JEEP	02475	02481 JEEP	02482	02485 JEEP	02490 CHEV	02670	02672	02676	02683	02997 CHEV	

Bay State Gas Company D.T.E. 05-27 Attachment UWUA-3-17 (c-1) Page 28 of 54

:;

10

TOT LEASE ADJUSTED TOT FINAL SETTLEMENT TOT LEASED OTHER 6,805.52-6.0 . 8 5.8 .8 8 9.99 - 0004572417 INVOICE DATE - 12/01/04 - 2812 461.48-6,614.58-270.54 9. 8 8 9.99 8. 9.8 INVOICE NO. AMOUNT CL 1ENT NO. S ш O TOTAL LEASE ADJUST = TOTAL FINAL STLMNT = TOTAL LEASED OTHER = T O T A L C H A R G CHARGE DESCRIPTION THEREAFTER FEE TOTAL LEASED OTHER THEREAFTER FEE TOTAL LEASED OTHER THEREAFTER FEE TOTAL LEASED OTHER THEREAFTER FEE TOTAL LEASED OTHER THEREAFTER FEE TOTAL LEASED OTHER THEREAFTER FEE TOTAL LEASED OTHER REFERENCE NUMBER CLIENT BREAKDOHN SUMMARY LEVEL SUB-02-MARBLE CLIFF DIV-00-27 5 E 품 돔 동 동 LSE'D OTHER 12/01/04 12/01/04 12/01/04 12/01/04 UNITS 12/01/04 12/01/04 ACTIVITY DATE LSE'D OTHER LSE'D OTHER LSE'D OTHER LSE'D OTHER SE'D OTHER CHARGE TYPE ABENDSCHEIN DRIVER NAME NEWTON LEWIS CLINE DALEY REAM 05350 DDDG OO CARAVAN F K 05343 CHEV 98 K 1500 4W C 05370 INTE 99 INTERNATI M 05679 PLYM OO VOYAGER F J 09268 DODG 99 RAM 2500 FORD 97 F-250 HD BREAKDOWN TOTALS UNIT DESCRIPTION CLIENT ASSEST ID. ADJUSTMENT/OTHER CHARGE DETAIL 31 02-00-000 27 OF 05261 PAGE UNIT NO.

BADF9 0002

PHH Arval

BLG031 (12/00)

				Attachus ant I IIV	D.T.E. 05-27
РНН	CLIENT NO 2812 INVOICE DATE - 12/01/04 INVOICE NO 0004572417	TOT LEASE ADJUSTED TOT FINAL SETTEMENT TOT LEASED OTHER	0	Attachment UWI	JA-3-17 (C-1) Page 29 of 54
PHH Arval	CLIENT NO. INVOICE DATE INVOICE NO.	AMOUNT			
PF		CHARGE DESCRIPTION			
:	CLIENT BREAKDOHN SUMMARY LEVEL	REFERENCE NUMBER		• .	
	зкоони з	1S			
	CLIENT BREA	ACTIVITY DATE			
		CHANGE 17PE			
		DRIVER NAME			
	ADJUSTHENT/OTHER CHARGE DETAIL PAGE - 28 OF 31	UNIT DESCRIPTION CLIENT ASSEST 1D.			
	ADJUSTHENT PAGE -	UNIT NO.			BLG031 (12/00)

815031 (12/00)

· 				7				D. Attachment UWUA Pag
	2812		0004572417		TOT LEASE ADJUSTED TOT FINAL SETTEMENT TOT LEASED OTHER	9.33	6 33	, Pag
BADF9 0002	<u> </u>		INVOICE NO		AMOUNT	9.33	9.33	
					CHARGE DESCRIPTION	THEREAFTER FEE TOTAL LEASED OTHER =	TOTAL LEASE ADJUST = TOTAL FINAL STEMNT = TOTAL LEASED OTHER = T O T A L C H A R G E S	
CLIENT BREAKDONN SUMMARY LEVEL	MP OPR				REFERENCE NUMBER		-	
KOOMN SU	EDP/CC				ST	동		
CLIENT BREA	DIV-71-EDP/COMP OPR				ACTIVITY DATE	12/01/04	STINO	
					CHARGE TYPE	LSE'D OTHER		
						MAIL SERVICE LSE'D OTHER		
ADJUSTMENT/OTHER CHARGE DETAIL		6	290F 31			OGSOR JEEP 95 CHEROKEE M	BREAKDOWN TOTALS 02-71-001	
ADJUSTMENT,			PAGE -		UNIT ND.	09508		

BADF9 0002

INVOICE DATE - 12/01/04 - 2812 CLIENT NO.

- 0004572417 INVOICE NO.

. .

10

BLG031 (12/00)

CLIENT BREAKDOWN SUMMARY LEVEL ADJUSTMENT/DIHER CHARGE DETAIL <u>က</u> 30 af PAGE -

DRIVER NAME

5 ACTIVITY DATE CHARGE TYPE

UNIT DESCRIPTION CLIENT ASSEST ID.

UNIT NO.

REFERENCE Number

CHARGE Description

AMOUNT

TOT LEASE ADJUSTED TOT FINAL SETTLEMENT TOT LEASED OTHER

	. _	··			 . ~.	•					· •	D.T.E Attachment UWUA-3-1 Page 3
		2812	12/01/04	0004572417	TOT (EASE ADJUSTED TOT FINAL SETTLEMENT TOT LEASED OTHER	1.00	0.1	0.1	3.00	6,922.48-		Page 3
BADF9 0002		CLIENT NO	INVOICE DATE -	INVOICE NO	AMOUNT	4.8	1.00	1.8	3.00	461.48- 6,614.58- 153.58		
					CHANGE DESCRIPTION	THEREAFTER FEE TOTAL LEASED OTHER =	THEREAFTER FEE TOTAL LEASED OTHER =	THEREAFTER FEE TOTAL LEASED OTHER =	TOTAL LEASE ADJUST = TOTAL FINAL STLMNT = TOTAL LEASED OTHER = TOTAL CHASE	TOTAL LEASE ADJUST = TOTAL FINAL STLMNT = TOTAL LEASED OTHER = TOTAL CHARES		
	CLIENT BREAKODMN SUMMARY LEYEL	SUB-02-MARBLE CLIFF DIV-75-EDP/TECH SVCS			REFERENCE NUMBER				m	47	· .	
	X NHOOX	MARBL EDP/T	•		St	≩	Z.	WA				
	CLIENT BREA	SUB-02-		1 1	ACTIVITY DATE	12/01/04	12/01/04	12/01/04	UNITS	UNITS		
					CHARGE TYPE	LSE'D OTHER	LSE'D OTHER	LSE'O OTHER				
					DRIVER NAME	BAYS	ĺ	SOTTILE				
	ADJUSTMENT/OTHER CHARGE DETAIL			. 310f 31		DODG 99 GRAND CAR S 2812	0000		₹ 8	INVOICE TOTALS		
	ADJUSTMENT			PAGE -	UNIT ND.	09901	09910 0006	09911				

D.L. PETERSON TRUST 5924 COLLECTIONS CENTER DRIVE 11 60693 MAKE CHECK PAYABLE TO CHICAGO

ORIGINAL INVOICE - REMITTANCE ADVICE

0004559314 12/01/04 NET 18 DAYS 9812 BILLING INFORMATION BRLNO 0002

AMOUNT			13.56			242.47	1ES 256.03	N DUE = 256 C3
	DEPRECIATION CHARGES COST-OF-FUNDS CHARGES	MANAGEMENT FEES	RENTAL TAX CHARGES	LEASE ADJUSTMENTS	FINAL SETTLEMENT ADJUSTMENTS	OTHER CHARGES	TOTAL LEASED CHARGES	TOTAL CURRENT AMOUNT DUE =

PLEASE RETURN THIS PAGE WITH YOUR PAYMENT.
IF YOU HAVE ANY QUESTIONS CALL YOUR ACCOUNT
MANAGER. PLEASE INDICATE INVOICE NUMBERS
ON ALL CHECKS MAILED.
YOUR A C C O U N T M A N A G E R IS:
NICOLE DIGGINS 1-410-771-2275
P.O. BOX 2174 BALTIMORE, MD 21203-2174

9007

COLUMBIA ENERGY GROUP SERVICE CORPORATION 200 CIVIC CENTER DRIVE

CLIENT NAME AND ADDRESS
CAMERON

LARRY

OH 43216

COLUMBUS

D.L. PETERSON TRUST 5924 COLLECTIONS CENTER DRIVE MAKE CHECK PAYABLE TO

IL 60693

CHICAGO

: 0004558314 : 12/01/04 : NET 15 DAYS : 9812 BILLING INFORMATION INVOICE NO.
INVOICE DATE
PAYMENT TEMES:
CLIENT NUMBER: BRLN1 0002

> ORIGINAL INVOICE PAGE 1

256.03	TOTAL CURRENT AMOUNT DUE =
256.03	TOTAL LEASED CHARGES
242.47	OTHER CHARGES
	FINAL SETTLEMENT ADJUSTMENTS
	LEASE ADUUSTMENTS
13.56	RENTAL TAX CHARGES
	MANAGEMENT FEES
	COST-OF-FUNDS CHARGES
	DEPRECIATION CHARGES
CURRENT	LEASED UNIT CHARGES

000

COLUMBIA ENERGY GROUP SERVICE CORPORATION 200 CIVIC CENTER DRIVE **OH 43216** CLIENT NAME AND ADDRESS
CAMERON COLUMBUS LARRY

YOUR A C C D U N T M A N A G E R NICOLE DIGGINS 1-410-77 P.O. BOX 2174 BALTIMORE, MD 21203

Bay State Gas Company D.T.E. 05-27 Attachment UWUA 3-17 (c-1) Page 35 of 54

Invoice Charge Summary

/

9812

BIC\$ 0002

PHH Arval

0004559314 12/01/04 CLIENT NO. -INVOICE DATE -INVOICE NO. ORIGINAL INVOICE 21 PAGE - 2 OF

1113	CLIENT BREAKDOWN	LEASED UNIT CHARGES	TOTAL	SERVICE FEES	NO. UNITS	TOTAL	VENDOR CHARGES	Ϋ́	TOTAL AMDUNT	BREAKDOWN TOTAL
02-71-004 EDP EQUIP	LEASED UNITS* 15	RENTAL TAX THEREAFTER FEE TOTAL LEASED UNIT CHARGES	10.05 149.85 159.90							159.90
02-71-006 COMM EQUIP	UNITS*	RENTAL TAX THEREAFTER TOTAL LEASE	78. 99.99 88.01							.00
02-71 TOTALS SYSTEM DATA CENTER			10.72 159.84 170.56							170.58
02 TOTALS MARBLE CLIFF		RENTAL TAX THEREAFTER FEE TOTAL LEASED UNIT CHARGES	10, 72 159, 84 170, 58							170. 18
04-71-004 EDP EQUIP	LEASED UNITS.	RENTAL TAX ESTIMATED PERS PROP TAX THEREAFTER FEE TOTAL LEASED UNIT CHARGES	20.89 20.89 9.99 31.70							. 01.16
04-71-006 COMM EQUIP	LEASED UNITS-	RENTAL TAX ESTIMATED PERS PRO THEREATER FEE TOTAL LEASED UNIT	. 62 2. 02 9. 99 12. 83							12.63
04-71 TOTALS EDP/COMP OPR	D4-71 TOTALS EUP/COMP OPR	RENTAL TAX ESTIMATED PERS PROP TAX THERRAFIER FEE TOTAL LEASED UNIT CHARDES	1.64 22.91 19.88 44.53							6. 8. 6. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8.
O4 TOTALS HOUSTON		2 477	1, 64 22.91 19.98 44.53							44.53
05-71-004 EDP EQUIP	LEASED UNITS* 2	RENTAL TAX ESTIMATED PERS PROP TAX THEREAFTER FEE TOTAL LEASED UNIT CHARGES	13.76 19.98 40.94							40.84
05-71 TOTALS EDP/CUMP OPR		RENTAL TAX ESTIMATED PERS PROP TAX THEREAFTER FEE TOTAL LEASED UNIT CHARGES	1.20 19.76 19.88 40.94							48.94
1						: : : : : : : : : :				Pag

B1t5 0002

0004559314 12/01/04 INVOICE DATE -INVOICE NO. CLIENT NO.

Invoice Charge Summary

ORIGINAL INVOICE

7

PAGE - 3 OF

TOTAL Amount

LEASED UNIT CHARGES

CLIENT BREAKDOWN

OS TOTALS CHARLESTON

٩T٢ VENDOR CHARGES TDTAL Amount NO. Units SERVICE FEES

TOTAL

1.20 19.76 19.98 40.94

RENTAL TAX ESTIMATED PERS PROP TAX THEREAFTER FEE TOTAL LEASED UNIT CHARGES

13.56 42.67 199.80 256.03

RENTAL TAX ESTIMATED PERS PROP TAX THEREAFTER FEE TOTAL LEASED UNIT CHARGES

INVOICE TOTAL

258.03

40.94

BREAKDOWN Total

Bay State Gas Company D.T.E. 05-27 Chment UWUA 3-17 (c-1) Page 37 of 54

-0004559314 INVOICE DATE -12/01/04 -9812 BSF1 0002 INVOICE NO. CLIENT NO. SUB -02 -MARBLE CLIFF DIV -71 -SYSTEM DATA CENTER BRANCH-O04-EDP EQUIP CLIENT BREAKDOWN SURMARY LEVEL 2 LEASED UNIT DETAIL **4** 0F PAGE -

PHH Arval

	~~~~~	7	T	T					<del> ∆tt</del> s	<del>chment L</del>	MALIA 3
UNIT TOTAL BUE	10.66	10.66	10.66	10.66	10.66	10.66	10.66	10.66	10.66	10.66 4.06	Page 3
LEASE ADUSTMENT FINAL SETTLEMENT LEASE OTKER	8.89	66.6	68.6	66.6	66.6	66.6	86.6	66.6	66.6	66'6	66.6
RENTAL TAX RATE RENTAL TAX ANT.	6.7500%	6.7500%	6.7500%	6.7500%	6.7500%	6.7500%	6.7500%	6.7500%	6.7500%	6.7500%	6.7500%
DEPRECIATION COST-OF-FUNDS MGT. FEE											
LSE-TERM/MO. INSVC BILL FACTOR FUNDS RATE	072/210	060/211	060/210	040/203	050/198	040/195	060/192	045/189	045/189	050/189	040/186
BILL MONTH CAP COST BOOK VALUE	12/04 4399, 102.00	109,060.00	12/04 427,940.00	117,937.66	12/04 15, 575.00	12/04	12/04 370,000.00	12/04 185,000.00	12/04	12/04 190,000.00	12/04
UNIT NO. INSVC-DATE INITIAL BILL OFF THE ROAD	01307 06/19/87 08/01/87	01309 06/01/87 07/01/87	01315 07/06/87 10/01/87	01323 02/01/88 05/01/88	01332 06/16/88 08/01/88	01335 09/20/88 12/01/88	01339 12/19/88 04/01/89	01348 03/18/89 06/01/89	01349 03/18/89 06/01/89	01350 03/26/89 06/01/89	01357 06/16/89 09/01/89
CLIENT ASSET 1D. DRIVER ID. DRIVER NAME	วรรอว	OSSO	2882	ევვნე	58850	วรรชว	08880	2882	2882	ossoo	28892
CLIENT BREAKDOWN UNIT DESCRIPTION TAX JURISDICTION (CITY, COUNTY, STATE)	02-71-004 87 CDLUMBUS FRANKLIN OH	02-71-004 87 COLUMBUS FRANKLIN DH	02-71-004 87 COLUMBUS FRANKLIN OH	02-71-004 88 COLUMBUS FRANKLIN OH	02-71-004 88 COLUMBUS FRANKLIN DH	02-71-004 COLUMBUS FRANKLIN OH	02-71-004 COLUMBUS FRANKLIN OH	02-71-004 COLUMBUS FRANKLIN DH	02-71-004 COLUMBUS FRANKLIN OH	02-71-004 COLUMBUS FRANKLIN DH	02-71-004 COLUMBUS FRANKLIN OH

BLG070

816070

<b>T</b>
ATV
E
E

	1 1	
INVOICE NO.	, ,	
	. ,	
INVOICE DATE	BRANCH-OO4-EDP EQUIP	
	DIV -71 -SYSTEM DATA CENTER	
CLIENT NO.	SUB -02 -MARBLE CLIFF	
	CLIENT BREAKDOWN SUMMARY LEVEL	
BSF1 000		ı

2

505

PAGE -

LEASED UNIT DETAIL

-9812 -12/01/04 -0004559314

UNIT FOTAL DUE	10.66	10.66	10.66	10.66	159.90		
IEASE ADJUSTMENT FINAL SETTLEMENT LEASE OTHER	66.6	66.6	66.8	9.99	149.85		
RENTAL TAX RATE RENTAL TAX AMT.	6.7500%	6.7500%	6.7500%	6.7500%	10.05		
DEPRECIATION COST-OF-FUNDS MGT, FEE							
LSE-TERM/MO. INSVC BILL FACTOR FUNDS RATE	060/182	036/175	024/172	036/168			
BILL MONTH CAP COST BOOK VALUE	12/04 449,328.00	12/04 70,650.00	12/04	12/04 1614,500.00	8497,492.66		
UNIT NO. INSVC-DATE INITIAL BILL OFF THE ROAD	01361 11/01/89 01/01/90	01384 05/29/90 08/01/90	01388 08/16/90 10/01/90	01389 12/26/90 02/01/91	t		
CLIENT ASSET 1D. DRIVER ID. DRIVER MANE	cessc	CGSSC	CGSSC	CGSSC	LEASED UNITS		
CLIENT BREAKOGHN UNIT DESCRIPTION TAX JURISDICTION (CITY, COUNTY, STATE)	02-71-004 COLUMBUS FRANKLIN DH	02-71-004 IBM 90 IBM COLUMBUS FRANKLIN DH	02-71-004 IBM 90 IBM COLUMBUS FRANKLIN OH	02-71-004 IBM 90 IBM COLUMBUS FRANKLIN DH	BREAKDOWN TOTALS 02-71-004		

		 /			 					 	 		Bay Sta	ite Gas C D.T.I	<u>-</u>
			1/04	-0004559314	UNIT FOTAL DUE	10.66	10.66		•			Att	Bay Sta	UWUA-3- Page	
BSF1 0002		CLIENT NO9812	ш	INVDICE NO0004	LEASE ADJUSTMENT FIMAL SETTLEMENT LEASE OTHER	9.99	9.99								
					RENTAL TAX RATE RENTAL TAX AMT.	6.7500%	.67								
					DEPRECIATION COST-OF-FUNDS MGT. FEE										
LEVEL	1111	FF A CENTER			LSE-TERM/MO. INSVC BILL FACTOR FUNDS RATE	060/202									
CLIENT BREAKDOWN SUMMARY LEVEL	menkeen semina	SUB -02 -MARBLE CLIFF DIV -71 -SYSTEM DATA	-comm Equip		BILL MONTH CAP COST BOOK VALUE	12/04 25,862.95	25,862.95								
CLIENT B		SUB -02	BRANCH-006	• •	UNIT NO. INSVC-DATE INITIAL BILL OFF THE ROAD	03/01/88 05/01/88	-								
					CLIENT ASSET (D. DRIVER 1D. DRIVER NAME	OGSSC	LEASED UNITS								
FRACE IMIT DETAIL	LEASED UNIT DETAIL		į	PAGE - 60F 21	CLIENT BREANDONN UNIT DESCRIPTION TAX JURISDICTION (CITY, COUNTY, STATE)	02-71-006 88 COLUMBUS FRANKLIN OH	BREAKDOWN TOTALS 02-71-006								

PHH Arval

UNIT TOTAL DUE INVOICE NO. -0004559314 INVOICE DATE -12/01/04 -9812 LEASE ADJUSTNENT FINAL SETTLEMENT LEASE OTHER 0005 CLIENT NO. TAX RATE TAX AMT. RENTAL DEPRECIATION COST-OF-FUNDS MG1. FEE LSE-TERM/MO. INSVC BILL FACTOR FUNDS RATE CLIENT BREAKDOWN SUMMARY LEVEL BILL MONTH CAP COST BOOK VALUE UNIT NO.
INSVC-DATE
INITIAL BILL
OFF THE ROAD CLIENT ASSET ID. DRIVER 10. DRIVER NAME CLIENT BREAKDOWN UNII DESCRIPTION TAX JURISDICTION (CITY, COUNTY, STATE) ă LEASED UNIT DETAIL 705 PAGE 816070

BLG070

PAGE

TAX

Arval
PHH

						 	<del></del>	<del>, , .</del>	 <del></del>	<del></del>	<del></del>	Alla	CHINEII O	WUA-3-1 Page 4	4 of 54
0002	NO9812	INVOICE DATE -12/01/04	NO0004559314		LEASE ADJUSTMENT UNIT FINAL SETTLEMENT TOTAL LEASE OTHER DUE										
BSF1	CLIENT NO.	INVOICE	INVOICE NO.		LEASE A FINAL S LEASI				,						
					RENTAL TAX RATE Rental tax any.										,
					OEPRECIATION COST-OF-FUNDS MGT. FEE										
	LEVEL				ISE-TERM/MO. INSVC BILL FACTOR FUNDS RATE										
	CLIENT BREAKDOWN SUMMARY LEVEL				BILL MONTH CAP COST BOOK VALUE										
	CLIENT				UNIT NO. INSVG-DATE INITIAL BILL OFF THE ROAD										
					CLIENT ASSET 10. BRIVER 1D. DRIVER NAME										
	LEASED UNIT DETAIL		PAGE - 110F 21		CLIENT BREAKDOWN UNIT DESCRIPTION TAX JURISDICTION (CITY, COUNTY, STATE)										
				]	-										816070

Bay State Gas Company D.T.E. 05-27

}						<u> </u>		J	]		Γ		chment L	Page 4	of
2	01/04	4559314	UNIT	28.83	12.11	40.94	256.03								
1	INVOICE DATE -12/	INV01CE NO000	LEASE ADGUSTMENT FINAL SETTLEMENT	28.23	11.51	39.74	242.47								
			·		6,0000%	1.20	13.56								
LEVEL	P OPR		LSE-TERM/MO. INSVE BILL FACTOR	060/211	045/187										
BREAKDONN SUMMARY	-71 -EDP/COM -004-EDP EQU	l	BILL MONTH	12/04 59,897.50	12/04 5,003.20	64,900.70	8645,414.21								
CLIENT	DIV		UNIT NO. INSVC-DATE	01310 06/01/87 08/01/87	01354 06/01/89 08/01/89	7	50								
			CLIENT ASSET 10. DREVER 10.	CGSSC	CGSSC	LEASED UNITS	LEASED UNITS								
LEASED UNIT DETAIL		PAGE - 120F 21	CLIENT BREAKOONN UNIT DESERPTION	05-71-004 PARA 87 COMPUTER EQUIPMENT CHARLESTON KANAWHA WV	05-71-004 89 CHARLESTON KANAWHA WV	BREAKDOWN TOTALS 05-71-004	INVOICE TOTALS								81.6070
	CLIENT BREAKDONN SURMARY LEVEL	SUB - OS - CH DIV - 71 - ED BRANCH-004-EC	ED UNIT DETAIL  SUB -O5 -CHARLESTON  OIV -71 -EDP/COMP DPR  BRANCH-O04-EDP EQUIP	CLIENT SSET 1D.  CLIENT ASSET	CLIENT BREAKDONN SUMMARY LEVEL  SUB -O5 -CHARLESTON  DIV -71 -EDP/COMP DPR  BRANCH-O04-EDP EQUIP	SUB -O5 -CHARLESTON   BILL ROWTH GOVERNMENT LEVEL   BILL ROWTH GOVERNMENT LEVEL   BILL ROWTH GOVERNMENT LOGIS   BILL ROWTH GOVERNMENT   BILL ROWTH G	Sub - Ob - C-HARLESTON   BRANCH - OO4 - EDP   EQUIP   BRANCH - OO - OO - OO - OO - OO - OO - OO -	CLIENT MSSET 1D.   CLIENT MSSET 1D.   CLIENT MOLE DE EQUIP   CLIENT MSSET 1D.   CLIENT MOLE DE EQUIP   CLIENT MSSET 1D.   CLI	CUIENT MSSET ID.   UNIT NO.   STATE CONTINUE NATIONAL SIGNAL   COLUMN SIGNATOR   C	CLIENT ASSET 10.	CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19812   CLIENT NO. 19813   CLIENT NO. 19812   CLIENT NO. 19813   CLIENT NO.	Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset   Cuter asset	CLIENT NO. 1	Chief Race   Character   Chief Parker Left    Chi	Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cutien below   Cuti

Bay State Gas Company D.T.E. 05-27 Attachment UWUA 3-17 (c-1) Page 46 of 54

-0004559314 INVOICE DATE -12/01/04 -9812 BADF1 0002 CLIENT NO. INVOICE ND. SUB -02 -MARBLE CLIFF DIV -71 -SYSTEM DATA CENTER BRANCH-004-EDP EQUIP CLIENT BREAKDOWN SUMMARY LEYEL ADJUSTMENT/OTHER CHARGE DETAIL 5 130F PAGE -

PHH Arval

			<del></del>									<del>At</del>	<del>lachme</del>	nt UWUA-
TOT LEASE ADJUSTED TOT FINAL SETTLEMENT TOT LEASED OTHER	66.6	66 6	9.99	66.6	66.6	9.99	9.99	9.99	9.99	66'6	9.99	66.6	9.99	Page 66 6 6 6 6 6
AMOUNT	66.6	66.6	66.6	8.99	66.6	9.99	66.6	9.99	9.99	66.6	9.99	9.99	9.99	6.99
CHARGE Description	THEREAFTER FEE TOTAL LEASED OTHER *	THEREAFTER FEE TOTAL LEASED OTHER =	THEREAFTER FEE TOTAL LEASED OTHER =	THEREAFTER FEE TOTAL LEASED OTHER =	THEREAFTER FEE TOTAL LEASED OTHER =	THEREAFTER FEE TOTAL LEASED OTHER =	THEREAFTER FEE TOTAL LEASED OTHER =	THEREAFTER FEE TOTAL LEASED OTHER =	THEREAFTER FEE TOTAL LEASED OTHER =	THEREAFTER FEE TOTAL LEASED OTHER =	THEREAFTER FEE TOTAL LEASED OTHER =	THEREAFTER FEE TOTAL LEASED OTHER =	THEREAFTER FEE TOTAL LEASED OTHER =	THEREAFTER FEE TOTAL LEASED OTHER *
REFERENCE Number														
SI	금	늄	H	품	품	품	품	품	舌	동	占	舌	동	F
ACTIVITY DATE	12/01/04	12/01/04	12/01/04	12/01/04	12/01/04	12/01/04	12/01/04	12/01/04	12/01/04	12/01/04	12/01/04	12/01/04	12/01/04	12/01/04
CHARGE TYPE	LSE'D OTHER	LSE'D OTHER	LSE'D OTHER	LSE'D OTHER	LSE'D OTHER	LSE'D OTHER	LSE'D OTHER	LSE'D OTHER	LSE'D OTHER	LSE'D OTHER	LSE'D OTHER	LSE'D OTHER	LSE'D OTHER	LSE'D OTHER
DRIVER HAME	CGSSC	28282	CGSSC	cessc	2882	CGSSC	cassc							
UNIT DESCRIPTION CLIENT ASSEST ID.	87	87	87	88	88								BM 90 IBM	MBI 00 MB
UNIT NO.	01307	01309	01315	01323	01332	01335	01339	01348	01349	01350	01357	01361	01384 IBM	01388 IBM

_	Arvai	
	YHH.	

INVOICE NO. -0004559314 INVOICE DATE -12/01/04 CLIENT NO. -9812 BADF 1 0002 SUB -02 -MARBLE CLIFF
DIV -71 -SYSTEM DATA CENTER
BRANCH-004-EDP EQUIP CLIENT BREAKDOWN SUMMARY LEVEL ADJUSTMENT/OTHER CHARGE DETAIL 2 14 OF

PAGE -

UNIT NO.

TOT LEASE ADJUSTED TOT FINAL SETTLEMENT TOT LEASED OTHER	86.6	149.85
AMOUNT	66.6	149.85
CHARGE DESCRIPTION	THEREAFTER FEE TOTAL LEASED OTHER =	TOTAL LEASE ADJUST = TOTAL FINAL STLMNT = TOTAL LEASED OTHER = T O T A L C H A R G E S
REFERENCE NUMBER		
s1	품	
ACTIVITY DATE	ОТНЕR 12/01/04 DH	<u>e</u>
CHARGE TYPE	LSE'D OTHER	UNITS
DRIVER NAME	cessc	
UNIT DESCRIPTION CLIERT ASSEST ID.	01389 IBM 90 IBM	BREAKDOWN TOTALS 02-71-004
INIT NO.	01389	

BLG031 (12/00)

						Bay State Gas Comp D.T.F. 05	an 5-2
PHH	-9812	-0004559314	TOT LEASE ADJUSTED TOT FINAL SETTLEMENT	101 LEASED OTHER 9.99	6 6	Bay State Gas Comp D.T.E. 05 Attachment UWUA 3-17 (i Page 4B o	c-1
PHH Arval	CLIENT NO9812 INVUICE DATE -12/01/04	INVOICE NOO	ANOUNT	66.6	66.6		
PH.	~		CHARGE	THEREAFTER FEE TOTAL LEASED OTHER =	TOTAL LEASE ADJUST = TOTAL FINAL STLMNT = TOTAL LEASED OTHER = T O T A L C H A R G E S		
	CLIENT BREAKDOWN SUMMARY LEVEL  SUB -O2 -MARBLE CLIFF  DIV -71 -SYSTEM DATA CENTER  BRANCH-O06-COMM EQUIP		REFERENCE				
	IKDOWN SUI IARBLE YSTEM OMM EQ		12	표			
	CLIENT BREA 3 -02 -N 7 -71 -S ANCH-006-0		ACTIVITY	12/01/04	-		
	SUR DIV		CHARGE TYPE	LSE'D OTHER	STIND		
			DRIVER NAME	CGSSC			
•	ADJUSTMENT/OTHER CHARGE DETAIL	1501 21	UNZT DESCRIPTION CLIFNT ASSECT ID	88	BREAKDOWN TOTALS . 02-71-006		
	ADJUSTHENT/	PAGE -	UNIT NO.	01327		816931 (12/00)	VEGUS 1147 VV7

				Bay State Gas C	ompany - 05-27
			 fu fu	Bay State Gas Co D.T.E Attachment UWUA-3- Page	17 (c-1) 19 of 54
<b>РНН</b>	-9812 -12/01/04 -0004559314	TOT LEASE ADJUSTED TOT FINAL SETTLEMENT TOT LEASED OTHER			•
PHH Arval	CLIENT NO9812 INVOICE DATE -12/01/04 INVOICE NO00045593	AMOUNT			
PHI		CHARGE DESCRIPTION			
	CLIENT BREAKDOMN SUMMARY LEVEL	REFERENCE NUMBER			
	S NMOO	12			
	CLIENT BREAK	ACTIVITY DATE			
		CHARGE TYPE			
		DRIVER NAME			
	ADJUSTMENT/OTHER CHARGE DETAIL PAGE - 16 OF 2.1	UNIT DESCREPTION CLIENT ASSEST 10.			
	ADJUSTMENT/	UNIT NO.			815031 (12/00)

د النافة		1			
PHH Arval BADF1 0002		CLIENT NO9812	INVOICE DATE -12/01/04	INVOICE NO0004559314	
	CLIENT BREAKDOHN SUMMARY LEVEL	SUB - 04 - HOUSTON	BRANCH-004-EDP EQUIP	, , ,	L. P.
	ADJUSTMENT/OTHER CHARGE DETAIL			PAGE - 17 OF 21	

TOT LEASE ADJUSTED TOT FINAL SETTLEMENT TOT LEASED OTHER	30.88	30.88
THUONE	9.99 20.89	30.88
	¥	ъ S
CHARGE DESCRIPTION	THEREAFTER FEE 2004 EST PPT HARRIS TOTAL LEASED OTHER =	TOTAL LEASE ADJUST = TOTAL FINAL STLMNT = TOTAL LEASED OTHER = T O T A L C H A R G E S
REFERENCE NUMBER		
ST	<b>*</b> *	
ACTIVITY DATE	12/01/04 12/01/04	-
CHARGE TYPE	LSE'D 07HER 12/01/04 TX EST.PPT TX 12/01/04 TX	UNITS
DRIVER NAME	cessc	
UNIT DESCRIPTION CLIENT ASSEST 1D.	01311 GROV 87 GROVE	BREAKDOWN TOTALS 04-71-004
UNIT NO.	01311	

BLG031 (12/00)

BLG031 (12/00)

I						 		 Attachr
	<b>РНН</b>	9812	12/01/04	-0004559314	TOT LEASE ADJUSTED TOT FINAL SETTLEMENT TOT LEASED OTHER	,	f+)	·
	PHH Arval	CLIENT NO.	끮	INVDICE NO.	AMOUNT			
	нна				CHARGE DESCRIPTION			
		CLIENT BREAKDOWN SUMMARY LEVEL			REFERENCE NUMBER			
		AKDOWN S			ST			
		CLIENT BRE			ACLIVITY DATE			
					CHARGE TYPE			
					DRIVER NAME			
		ADJUSTMENT/OTHER CHARGE DETAIL	***************************************	18 0f 2.1	UNIT DESCRIPTION CLIENT ASSEST 1D.			
		ADJUSTMENT/O		PAGE -	UNIT NO.			

_, ^	/ 							D.T.E.  Attachment UWUA 3-1 Page 5	. 05-  7 (c
		-9812	-0004559314		TOT LEASE ADJUSTED TOT FINAL SETTLEMENT TOT LEASED OTHER	12.01	12.01	. Page 5	2 of
BADF 1 0002		CLIENT NO9812 INVOICE DATE -12/01/04	INVOICE NOC		AMOUNT	9.99	12.01		
_	L_ 			ل ر		×			
					CHARGE DESCRIPTION	THEREAFTER FEE 2004 EST PPT HARRIS TOTAL LEASED OTHER =	TOTAL LEASE ADJUST = TOTAL FINAL STLMNT = TOTAL LEASED OTHER = T O T A L C H A R G E S	,	
	CLIENT BREAKDOWN SUMMARY LEVEL  18 -04 -HOUSTON	STON /COMP OPR	1 1		REFERENCE NUMBER				
}	KDOMN SU	-HOUS	, 1	,	ST	××			!
	CLIENT BREA	SUB -04 DIV -71			ACTIVITY DATE	12/01/04 12/01/04	-		
					CHARGE TYPE	LSE'D OTHER EST.PPT TX	UNITS		
					DRIVER NAME	CGSSC			
	ADJUSTMENT/OTHER CHARGE DETAIL		1907 21		UNIT DESCRIPTION CLIENT ASSEST ID.	06	BREAKDOWN TOTALS 04-71-006		
	ADJUSTMENT/DI		PAGE -		UNIT NO.	01364	m Ó		B1G031 (12/00)

PHH Arval

						 Attachme	D.T.E. 05-27 ent UWUA-3-17 (c-1) Page 33 of 54
	HHd	-9812	-12/01/04	TOT LEASE ADJUSTED TOT FINAL SETTLEMENT TOT LEASED OTHER	, 10		Page 33 of 54
PHH Arval	BADF 1 0002	CLIENT ND.	INVOICE DATE -12/01/04 INVOICE NO00045593	AMOUNT			
РНН				CHARGE DESCRIPTION			
		CLIENT BREAKDOWN SUMMARY LEVEL		REFERENCE NUMBER	,		
		CDOWN SI		1S			
		CLIENT BREAL		ACTIVETY DATE			
				CHARGE TYPE			
				DRIVER MAME			
		ADJUSTMENT/OTHER CHARGE DETAIL	200F 21	UNIT DESCRIPTION CLIENT ASSEST 10.			
		A0JUSTHENT,	PAGE -	UNIT NO.			BLG031 (12/00)

7,	1		)	1				
	-9812	12/01/04	-0004559314	TOT LEASE ADJUSTED TOT FINAL SETTLEMENT TOT LEASED OTHER	28.23	11.51	39.74	242.47
BAUT I UUUZ	CLIENT NOS	, E	INVOICE NO. ~C	AMOUNT	18.24	9.99	39.74	242.47
\ 					23	>3	E S	n N
				CHARGE DESCRIPTION	THEREAFTER FEE 2004 EST PPT KANAWHA TOTAL LEASED OTHER =	THEREAFTER FEE 2004 EST PPT KANAWHA TOTAL LEASED OTHER =	TOTAL LEASE ADJUST = TOTAL FINAL STLMNT = TOTAL LEASED OTHER = T O T A L C H A R G	TOTAL LEASE ADJUST = TOTAL FINAL STLMNT = TOTAL LEASED OTHER = T O T A L C H A R G
CLIENT BREAKDOWN SUMMARY LEVEL	RLESTON	-71 -EDP/COMP OPR -OO4-EDP EQUIP		REFERENCE NUMBER				
KDOMN	-CHA	-EDP	. , ,	. 15	_}≩≩	≥ ≥ 3 ≥		
CLIENT BREA		DIV -71 -EDP/ BRANCH-004-EDP		ACTIVITY DATE	12/01/04	12/01/04 12/01/04	7	80
				CHARGE TYPE	LSE'O OTHER EST. PPT TX	LSE'D OTHER EST.PPT TX	UNITS	UNITS
			,	DRIVER NAME	CGSSC	CGSSC		
	ADJUSTMENT/OTHER CHANGE DETAIL		210f 21	UNIT DESCRIPTION CLIENT ASSEST 1D.	O1310 PARA 87 COMPUTER	88	BREAKDOWN TOTALS 05-71-004	INVOICE TOTALS
	ABJUSTMENT/C		PAGE -	UNIT NO.	01310	01354		

ij

### **LEASE INVOICE**

#### REMITTANCE COPY



DATE 12/01/2004

PAYMENT DUE-12/10/04

FLEET	3611 NISOURCE, INC.		
 TYPE	PERIOD	INVOICE	AMOUNT
RENTAL DEPR MGMT FEE INTEREST RENTAL TAX	12/01/04 TD 12/31/04	NUMBER B189851	792.86 13.32 11.32 49.05
TOTAL			866.55
	TE	OTAL DUE	866.55
RETURN ONE COPY W GE FLEET SE PO BOX 1003 ATLANTA GA	163		
DIRECT INQUIRI	ES TO BILLING	300~469-0044	12257

GEFs receives and retains rebates, discounts and other compensation directly or indirectly from manufacturers, suppliers, third party providers and vendors to which it makes payments with respect to vehicles, goods and services provided under lease and services agreements. The amount deemed to be sales tax on a vehicle and capitalized may be greater than the actual tax paid due to credits available to, and claimed by, GEFS.

### **DECEMBER 2004 GE CAPITAL FLEET SERVICES BILLING**

NiSource, Inc									
Invoice No B189851	<u>Fleet</u> 3611	<u>Gen</u> 931	<u>CE</u> 4052	Facility VN0034	HCC Billed 6430	Job Billed 0064	Sub Billed 0101	<u>Co</u> <u>Billed</u> TA	<u>Lease</u> 866.55
Michael O'Do NiSource, In	nneli		7002	V140034	0430	0004	0107	//	866.55

· .

**LEASE INVOICE** 

**ORIGINAL** 

DATE 12/01/2004



PAYMENT DUE-12/10/04

FLEET

3635 NI-SOURCE CORPORATE SERVICES

TYPE RENTAL

DEPR

MGMT FEE

INTEREST

**RENTAL TAX** 

PERIOD

-

2/01/04 TO

12/01/04 TO 12/31/04

INVOICE NUMBER B189857

409.50 8.60 21.71

**AMOUNT** 

21.71 26.39

TOTAL

466.20

TOTAL DUE

RETURN ONE COPY WITH REMITTANCE TO 12/10/04 GE FLEET SERVICES PO BOX 100363 ATLANTA GA 30384-0363

DIRECT INQUIRIES TO BILLING

800-469-0044

466.20

12268

GEFS receives and retains rebates, discounts and other compensation directly or indirectly from manufacturers, suppliers, third party providers and vendors to which it makes payments with respect to vehicles, goods and services provided under lease and service agreements. The amount deemed to be sales tax on a vehicle and capitalized may be greater then the actual tax paid due to credits available to, and claimed by, GEFS.

LINO01

### DECEMBER 2004 GE CAPITAL FLEET SERVICES BILLING

NiSource Cor	p Service	S	; }					_	
Invoice No	Fleet	Gen	CE	Facility	HCC Billed	<u>Job</u> Billed	<u>Sub</u> Billed	<u>Co</u> Billed	Lease
B189857	3635	931	4052	VN1002	7510	0875	0100	MM	466.20
NiSource Co	rp Servic	es Lease	Total						466.20

### Vehicles owned by NCSC in 2004

	Purchase Date	Purchase Price
Autos		
97 FORD CR VIC	Dec-97	10,920.77
98 FORD CR VIC	Dec-97	24,741.55
99 FORD CR VIC	Mar-99	23,991.65
2000 Chevy Malibu	May-00	15,019.19
2000 Chevy Malibu	May-00	15,019.18
97 CHEV 3/4T CARGO VAN	Dec-97	21,831.87
97 CHEV 3/4T CARGO VAN	Dec-97	22,308.96
98 JEEP	Apr-98	18,291.00
98 CHEVY ASTRO VAN	Jun-98	18,878.11
2000 Jeep cherokee	May-00	21,162.75
97 FORD EXPLORER	Jun-97	27,532.05
98 FORD EXPLORER	Oct-97	1,270.33
BUICK PARK AVE. 9/99	Sep-99	36,015.00
99 JEEP GRAND CHER	May-99	33,470.85
99 JEEP GRAND CHER	May-99	33,292.35
00 JEEP	Apr-00	36,897.00
2000 Jeep Cherokee	May-00	21,662.75
2000 VW PASSAT	Oct-01	24,079.00

Total

#### Depreciation Costs Charged to BSG

\$	214.82
\$	304.19
\$	509.95
\$ \$ \$	533.04 353.82 599.62
\$	2,515.44

## COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

# RESPONSE OF BAY STATE GAS COMPANY TO THE THIRD SET OF INFORMATION REQUESTS FROM UWUA LOCAL 273 D. T. E. 05-27

Date: August 2, 2005

Responsible: John E. Skirtich, Consultant (Revenue Requirements)

UWUA-3-30 (Sched. JES-6, p. 3) For 2003 and 2004, explain the basis, targets or criteria for awarding incentive compensation. Also list by name of individual employee/officer and amount of compensation all compensation payments made for each of these two years. Explain what

the "billed management fee" is.

Response: The requested incentive compensation information has been provided in the Company's response to AG-1-35. Names of individual employees and officers have been redacted as they contain confidential information.

See the testimony of Steven A. Barkauskas, Exh. BSG/SAB-1, pp. 19-1 for an explanation for the basis, targets and criteria for awarding incentive compensation.

The "billed management fee" is used to allocate common or shared costs between Bay State and Northern Utilities, as provided in the Affiliate Agreement with Northern Utilities. Please refer to the Company's responses to AG-1-27 and AG-1-28 for the Affiliate Agreement and a detailed explanation of the costs allocated between Bay State and Northern Utilities.